Dayton Hamvention®

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Since 1952

May 15, 16, 17, 2009
Hara Arena, Dayton, Ohio

DREAM: Digital Radio Enabling Amateurs to do More

ARRL NATIONAL CONVENTION
DAYTON 2009
DAYTON HAMVENTION®

Dayton Amateur Radio Association
Sponsor of Dayton Hamvention®
W8BI
est 1930

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Welcomes

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Dayton OHIO

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1-800-221-8235

www.daytoncvb.com

DAYTON MONTGOMERY COUNTY CONVENTION & VISITORS BUREAU

Ohio
The State of Perfect Balance

Welcome to the 2009 Dayton Hamvention®

It is with great pleasure to welcome you on behalf of Dayton Amateur Radio Association, Dayton Hamvention® 2009 Committee, and the multitude of volunteers. We are pleased that you have chosen to attend this wonderful event.

This year we are featuring the theme: D.R.E.A.M. (Digital Radio Enabling Amateurs to do More). As the global world is constantly changing, our amateur community and abilities are changing as well. We are encouraged by the development of digital radio and its capabilities. Some of our fellow amateurs are developing, discovering and applying some form of this new technology. This year's event offers many opportunities for you to further your knowledge.

Enough can't be said about the manufacturers and vendors who support the amateur community and the latest technology. They are assembled here to provide you with the very best products and services. Please, let them know how much you appreciate their attendance.

In conjunction with the Dayton Hamvention® 2009, we welcome the ARRL National Convention 2009. Our organization appreciates that the ARRL chose to have their convention with us. Stop by their display area and seize many of the options to further participate in our amateur community.

We sincerely appreciate each of you for your support. We trust you will encourage others to attend in the future. As you have probably discovered, "You just can't leave Dayton Hamvention® without finding something you have always wanted…..it's yours".

Thank you again for coming. We hope you enjoyed your stay in the Dayton area.

73,
Carl Rose, K8CPR
General Chairman
Dayton Hamvention® 2009

Carl Rose, K8CPR
General Chairman

Lee Boeckerman, W8LFB
Assistant General Chairman

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Publication Deadline

Information to be included in the Hamvention® Program must be submitted to the appropriate Hamvention® Committee no later than April 1 of the publication year.

Souvenir Program Committee

Publisher ..... Jerry Miller, WD8QAI
Forums ..... Todd Collins, N2TUN
Proofreaders ..... Mel Berman, W8GTR
Barb Holmes, N8EYW
Tom Holmes, N8ZM
Nancy Makley, KC8GYW

Cover

The front cover was created by Jerry Miller, WD8QAI in recognition of ARRL's National Convention being held in conjunction with 2009 Dayton Hamvention®.

The Dayton Amateur Radio Association (DARA) and Hamvention® fully support and are committed to the objectives of the Americans with Disabilities Act (ADA). We strive to provide equal opportunity to all ADA qualified persons who participate in Hamvention®. Our objective is to provide access to the event and we expect nothing less of those who provide building facilities, exhibits and services to our event.

Activities & Times

FRIDAY ACTIVITIES

8:00 a.m. - 6:00 p.m.	Flea Market open. Bus service available starting 7:00 a.m... (Buses are scheduled to pick up passengers to arrive at HARA by 8 a.m.) Programs available at all ticket selling points & DARA Booth.
9:00 a.m. - 6:00 p.m.	Inside Exhibits open, prizes on display, and exams.
9:15 a.m. - 5:00 p.m.	Forums and scheduled activities.
11:00 a.m.- 6:00 p.m.	Hourly prize drawings.

SATURDAY ACTIVITIES

8:00 a.m. - 5:00 p.m.	Flea Market open. Bus service available.
9:00 a.m. - 5:00 p.m.	Inside Exhibits open, exams, and scheduled activities.
9:00 a.m. - 3:00 p.m.	Hourly prize drawings.
9:00 a.m. - 5:00 p.m.	Forums and scheduled activities.

SUNDAY ACTIVITIES

8:00 a.m. - 1:00 p.m.	Flea Market open.
8:00 a.m. - 3:00 p.m.	Bus service available.
9:00 a.m. - 1:00 p.m.	Inside Exhibits open, prizes on display.
9:00 a.m. - 12:00 p.m.	Hourly prize drawings.
9:15 a.m. - 12:00 p.m.	Forums and scheduled activities.
1:00 p.m.	Award Winners' Presentation in Hara Arena.
1:00 p.m.	Prize Drawing in Hara Arena (unclaimed hourly prizes, followed by main prizes). Bus Service will be available for a short time after the main prize drawing.

Tickets

Full-price tickets are available at the Hara Arena Box Office (Door #14) and the East Hall (Door #26) during the times shown below. A General Admission ticket is required to enter both the Inside Exhibits and the Flea Market. The tickets are $25.00 and valid for all three days. All persons over 12 years of age attending the Hamvention® Inside/Flea Market Exhibits are required to have an admission ticket. Age 12 years and under are FREE.

Individual bus tickets for transportation between Remote Parking at the former Salem Mall and Hara Arena will be available at the Alternate Parking Site for $3.00 per day or $8.00 for a weekend pass.

Ticket Sales Hours

Friday .....7:00 a.m. to 6:00 p.m.
Saturday.....7:00 a.m. to 5:00 p.m.
Sunday .....7:00 a.m. to 12:00 p.m.

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Services

BAGGAGE CHECK

Baggage can be checked for $3.00 per claim check in the Baggage Check room located across the hall from Forum Room 3, just inside Conference Center entrance (Door #6) on the left. All items must be reclaimed by closing time each day. No overnight storage is permitted. Time extended to 3:00 p.m. on Sunday.

BANKING SERVICES

Local banks are located in the former Salem Mall area. (See map on page 47.) An ATM is located to the right of Hara Arena's front door and opposite booth 483 (See map on pages18-19.)

DARA BOOTH

The DARA Booth is located in the lobby of Hara Arena. DARA memberships and programs are available.

EMERGENCY MEDICAL CARE

On-site Emergency Medical Services are located to the right of Conference Center Entrance. See the Exhibits Map on Pages 18-19.

Emergency care is also available from the following:

Doctor's Urgent Care
5915 N. Main Street, 278-3826
8:30 a.m. - 10:00 p.m.

From Hara Arena, take Shiloh Springs east to traffic light at Main St. Turn left to second building on left.

Good Samaritan Hospital
2222 Philadelphia Dr., 278-2612

From Hara Arena: take Wolf Road to Salem Ave. Turn left, proceed to the traffic light at Philadelphia. Follow signs to ER Entrance.

LOST & FOUND

The DARA Booth located in the Hara Arena Lobby will accept lost items. Items can be retrieved at this location the day the item was lost. To retrieve lost items later, please go to Hara Arena Box Office.

MESSAGE CENTER

Leave a message for your friends by submitting their call sign and message at the DARA Booth in Hara Arena Lobby. Prize Monitors throughout the arena complex will periodically list "message holding" by call sign.

LICENSE EXAMS

Technician, General and Amateur Extra Class exams will be given at Hara Arena on Friday at 2:30pm and Saturday at 9:30 a.m. and 1:30 p.m.. Pre-registration is not required.

Each attendee must have the following:

1. The original and a copy of your current amateur license.
2. The original and a copy of any CSCEs.
3. A completed 605 form (Blank forms will be available).
4. A government issued photo ID (For example: a Driver's License).

SHIPPING SERVICE

The UPS Store offers freight service from the floor of Hamvention, near the North Hall entrance (Door #20) Booths 167 & 168. See map on Pages 18-19. Hours are as follows:

Friday	9:00 a.m. - 6:00 p.m.
Saturday	9:00 a.m. - 5:00 p.m.
Sunday	9:00 a.m. - 1:00 p.m.

SPECIAL EVENT STATION

The Special Event Station (W1AW/8) will operate in the ARRL Expo Area inside Door #1. The Station will be operating the hours of the Inside Exhibits. They will be operating at the following frequencies:

7.227/7.050, 14.270/14.050, 28.470/28.050,
147.55 simplex, 147.105 DSTAR,
443.775/448.775 IRLP Node #4267

QSLs & certification: DARA W8BI, PO Box 44, Dayton, OH 45401 include 8 x 11 SASE.

TALK-IN FREQUENCIES

For directions and assistance in the Dayton area during your visit to Hamvention®, contact "Talk-In" on the DARA Repeater 146.94 (-) with a backup frequency of 146.64(-). Dayton Hams also monitor 223.94 (-) and 442.1 (+).

Transportation & Parking

PARKING & BUS SERVICE

Satellite Parking - at former Salem Mall at the corner of Shiloh Springs Road and Salem Avenue (See map on page 47): Bus Service is provided to and from Hamvention®. Buses run continuously starting at 7:00 a.m. and complete their routes as quickly as possible. Due to changing traffic patterns and bus loads, an exact bus schedule is impossible. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only. Keep your bus ticket as there is no limit on the number of times you may ride the bus per day.

PAID PARKING

Hamvention® has no paid parking available at the Arena, but paid parking for $10 per day will be available in the lots across from Hara Arena on Wolf Road. Hamvention® has no control over that parking. The parking is on grass lots so weather conditions will determine how many spots are available. In the past, some churches and other businesses have offered paid parking near Hamvention®, but we have no information on whether any of those spots will be available this year or what their cost might be. The easiest choice is to park at the former Salem Mall and ride the bus to the Arena.

TRUCK & TRAILER PARKING

Semi-trucks and/or trailers, other over-sized vehicles and large self-contained vehicles can park in designated areas at the former Salem Mall at the corner of Shiloh Springs Road and Salem Avenue (See Map on page 47). No overnight camping is permitted. Trailers must be removed by 9 p.m. each day.

Future Hamvention® Dates

May 14, 15, & 16, 2010
May 20, 21, & 22, 2011
May 17, 18, & 19, 2012

CAMPER PARKING

Campers, trailers, self-contained vehicles, or vehicles that require more than one space can park at the former Salem Mall at the corner of Shiloh Springs Road and Salem Avenue (See map on page 47). From there you may take the bus to Hara Arena. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only. No overnight camping is allowed.

Campers and trailers may park or camp at Tall Timbers KOA Campground (1-937-833-3888). Bus service will be available. The fee for bus service is $3.00 per day or $8.00 for the weekend, collected on in-bound trips only.

TEMPORARY LOADING PASS

A temporary loading pass may only be obtained from the guard at Entrance 1 during the show (see ADA map on Page 6). This restricted loading pass will be valid for 20 minutes and will allow you to use a designated area to load and unload equipment, or to pick up your exhibitor packet at the Exhibits Office. These passes will be time stamped and must be given to the guard at the Exit when you leave.

Scootaround
Mobility Product Rentals

SCOOTERS

Arrangements may be made by contacting ScootAround Inc toll-free at 1-888-441-7575, by email at info@scootaround.com, through their website at www.scootaround.com, or by fax at (204) 478-1172. Rental rate is $165.00 based on a three-day period. Equipment will be available on site based on availability for $65.00 a day. Advance reservations are encouraged. To pick up your scooter, please go to Door 26, see map on Pages 18-19.

TAXI INFORMATION

Miami Liberty Cab 937-222-2822
Checker Cab 937-222-4011
Antons 937-252-4756
Air City Cab 937-252-4444

Transportation & Parking (Continued)

ADA PARKING

Hamvention® does not have any public parking immediately at HARA Arena; however, it has been our desire and policy for many years to accommodate those individuals with special needs. We are very sensitive to those needs and have gone well beyond all regulations to secure (at extra cost to Hamvention®) a limited number of spaces for these needs. Unfortunately the demand for ADA/Handicapped parking continues to grow dramatically each year and we simply are unable to accommodate everyone who requests a space.

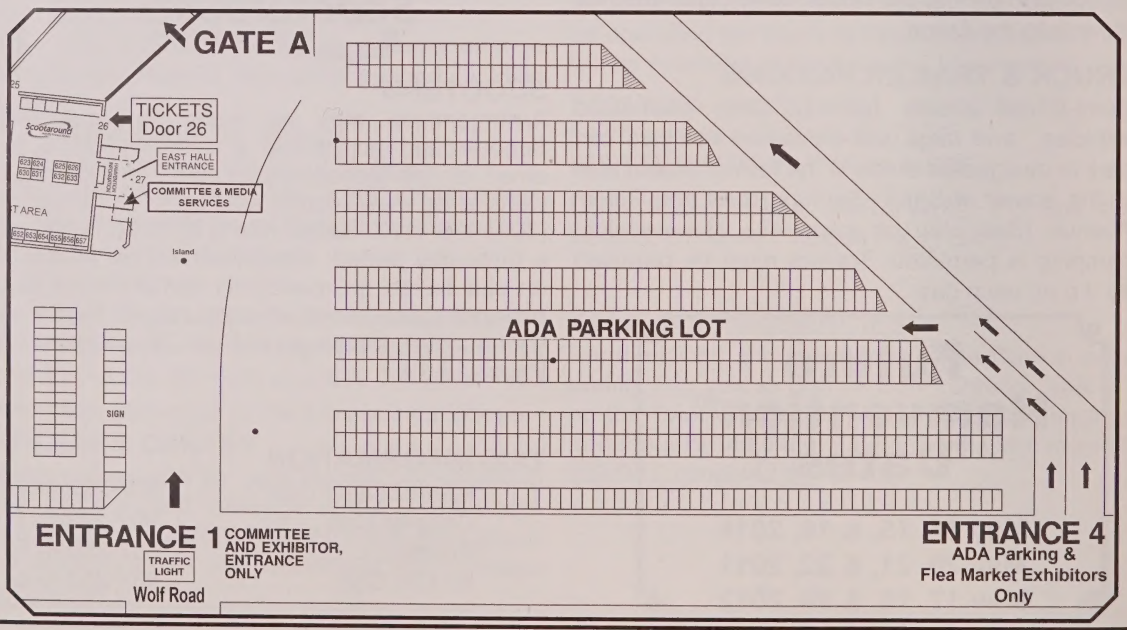
Therefore, as in past years, we require that you send with your ticket request a copy of your State Issued ADA Parking Certificate and registration, along with an SASE, and we will process your request in the order in which it is received. Please remember, there are a very limited number of ADA/Handicapped parking spaces available, so get your request in early.

We have set aside twenty (20) "Reserved" ADA Parking spaces for those individuals who were unaware of/or choose not to follow our recommendation to register early. Please understand if you choose to wait and just come to the show, the probability that you will find no ADA/Handicapped spaces available is extremely high.

Again, we STRONGLY urge you to send in your request early and in advance of the show.

The ADA parking fees remain the same as last year: $8.00 per day per car and $25.00 per day for campers , etc, payable at the gate. (Please note: Overnight campers, etc., are not permitted at Hara Arena.)

Please note: The buses running from Remote Parking to Hara Arena front entrance are ADA equipped.



Motels

The following are approved and recommended Hamvention properties. Contact the hotel directly for best prices.

Property	Weblink
Holiday Inn Hotel and Suites Dayton South	www.sixcontinentshotels.com/holiday-inn
Red Roof Inn Englewood	www.redroof.com
Knights Inn Dayton North	www.knightsinn.com
Country Inn and Suites	www.countryinns.com
Holiday Inn Express Huber Heights	www.sixcontinentshotels.com/hiexpress
Days Inn Huber Heights	www.daysinn.com
Residence Inn Beavercreek	www.marriott.com/dayrb
Holiday Inn North	www.holiday-in.com/day-north
Holiday Inn Dayton Mall	www.hidayton.com
Holiday Inn Express and Suites	www.sixcontinentshotels.com/hiexpress
Courtyard by Marriott Dayton Mall	www.marriott.com
Dayton Airport Hotel	www.cwbpm.com
Crowne Plaza	www.crownplaza.com
Residence Inn South by Marriott	www.marriott.com/dayty
Residence Inn By Marriott Dayton/Troy	www.marriott.com/dayty
Homewood Suites by Hilton Dayton South	www.homewoodsuites.com
Fairborn Hampton Inn	www.tharaldson.com
Fairfield Inn & Suites by Marriott Dayton/Troy	www.marriott.com/daytr
Drury Inn and Suites Dayton	www.druryhotels.com/properties/daytonnorth.cfm
Dayton Marriott	www.marriott.com/DAYTON
Beavercreek Courtyard	www.tharaldson.com
Dayton Courtyard	www.tharaldson.com
Homewood Suites Fairborn	www.daytonfairborn.homewoodsuites.com

Welcome

GREETINGS TO

All Participants of the
Hamvention
May 15 – 17, 2009

As Commissioners of Montgomery County, we would like to welcome you to our region for participation in the Dayton Hamvention Convention. We believe the offerings of Dayton and Montgomery County will be enjoyable for you and, most importantly, all the attendees of your convention.

As you will discover, this area is rich in heritage, history, culture, and diversity. Our fine museums, attractions, shopping, and dining establishments will undoubtedly prove their outstanding reputations to you during your stay.

While you travel about the Dayton region, we believe you will realize the many advantages of selecting this area for your event. We stand ready to support all of your efforts and are certain you will find equal enthusiasm from our Convention & visitors Bureau as well as the entire hospitality community.

Again, we welcome you to Dayton/Montgomery County and look forward to your return visit.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
Montgomery County, Ohio

Dan Foley, President

Judy Dodge

Deborah A. Lieberman

Greetings

Hamvention

2009

From The Office of the Mayor
City of Trotwood, Ohio

On behalf of the City of Trotwood, Ohio and the Greater Dayton Region, I wish to extend a warm welcome to the members and visitors of the "2009 Dayton Hamvention." Once again the Cities of Trotwood and Dayton are very proud of this event and you should be commended on your continued efforts of providing such a valuable environment of fostering old friendships and developing new relationships, while educating the world about Amateur Radio.

I wish to extend my very best to you on a rewarding and successful Hamvention and I do know that **"Amateur Radio + People = Fellowship." Have a wonderful and prosperous event!**

Darreyl D. Davis, Mayor

GREETINGS

From the Office of the Mayor
The City Of Dayton, Ohio

Rhine McLin
Mayor of the City of Dayton
Hamvention
May 15-17, 2009

On behalf of the City of Dayton, I am pleased to welcome the members of Hamvention to Dayton, Ohio.

While we understand your focus during this event is to foster old friendships and develop new relationships, we also hope you will find the time to learn about our city.

Dayton is home to the Wright Brothers and the "Birthplace of Aviation;" therefore, it is only natural that many of our attractions would feature our aviation heritage. You can learn about the history of flight by visiting the Dayton Aviation Heritage National Historical Park, the Aviation Trail and the United States Air Force Museum, just to name a few.

I extend my very best wishes for a rewarding and memorable event in 2009 and beyond.

Sincerely,

Rhine McLin
Mayor

Hamvention® Phone Numbers

Emergency (937) 276-6930

Inside Exhibits (937) 276-6931

Flea Market (937) 276-6932

Comments Invited!

Comments on your experiences at the Dayton Hamvention® should be addressed to the following:

General Chairman
Dayton Hamvention®
P.O. Box 964
Dayton, Ohio 45401-0964

Additional Activities

Multi-Day Activities

QRP Amateur Radio Club International

Holiday Inn, Fairborn, OH. FDIM 2009 runs from 14-17 May 2009.
See website for details: http://www.fdim.qrparci.org/

Wednesday, 13 May, 2009 - Registration opens in the evening

Thursday, 14 May, 2009 - Seminars, Buildathon, Meet The Speakers, Vendors Night

Friday, 15 May, 2009 - Hamvention, Show and Tell, Homebrew Contest, Vendors Night

Saturday, 16 May, 2009 - Hamvention, Grand Banquet

Sunday, 17 May, 2009 - Hamvention

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Attach appropriate adapter to your radio. Connect your Universal Clip to your belt and place your radio onto the Universal Clip. Radio will not come loose from Universal Clip unless it is rotated 180° and removed.

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Additional Activities

Multi-Day Activities

Contest Super Suite

Friday, May 15th
11 p.m. Pizza Party Sponsored by the Potomac Valley Radio Club.

Saturday, May 16th
11 p.m. Pizza Party Sponsored by the Yankee Clipper Contest Club.

We welcome all Contesters and DXers!
7 p.m.- 2 a.m. Each Night - Free Pizza Parties Every Night! Cash Bar available! Crowne Plaza Hotel, Dayton OH - 2nd floor - Miami Ballroom

Friday Activities

Collins Collectors Association

Collins Collectors Association (CCA) Banquet 2009 will be held Friday, May 15, 2009 at the Holiday Inn North Dayton, 2301 Wagner Ford Road, Dayton, OH 45414. Doors Open at 6:00 p.m., Banquet Starts at 6:50 p.m. - ADVANCED RESERVATIONS ARE REQUIRED. More Information at: http://tinyurl.com/dlyywg Event POC: Arthur Crocker art@w0cxx.com

ATN/ATV Dinner

The ATN/ATV Friday night dinner and meeting will be at 6 p.m. located at Roush's Restaurant, 305 W. Main St., Fairborn, OH. For those of you with GPS: 39-49-19N 84-01-30W Phone: (937) 878-3611 Door prizes were donated in past dinners thanks to some of the ATV vendors. Perhaps we will be lucky this year. Many thanks to Art Townslee who made the arrangements for the meeting place. http://www.roushsrestaurant.com/ And here is a link to the anouncement on our web site: http://atn-tv.org/dayton2009.htm

SWODX Dinner

The SouthWest Ohio DX Association is pleased to announce the speakers for this year's 24th annual DX dinner to be held in conjunction with the 2009 Hamvention ®. Our speakers will be John Stanley, K4ERO, and Ruth Stanley, WB4LUA. This husband and wife team travel the globe installing,

SWODX Dinner continued

maintaining and training personnel for religious international shortwave stations.

The dinner will be Friday evening, 15 May, at the Crowne Plaza Hotel, located in Dayton city center. Attendees will have their choice of either a steak dinner or a vegetarian dinner. We must be informed when the tickets are ordered if you want the vegetarian option. Tickets are $39.00 per meal, payable in US funds to SWODXA. Tickets may be ordered from Pete Meyer, N0FW, at n0fw@live.com. SASE is required or you may pick up your tickets at the door. Up-to-date information may be found on the club's website: www.swodxa.com.

ARC Chapter Hams Dinner

Hams associated with Red Cross Chapters and their extended families are cordially invited to come-as-you-are to a pay-as-you-go dinner gathering on Friday, May 15, from 5 to 8 at Hometown Buffet, Washington Park Plaza, 745 Lyons Road, Dayton, OH 45459, (937) 438-3075. Meet other Chapter Hams and play the "Chapter Hamvention Quiz." The all-you-can-eat menu cost is only $11.69 (minus $1 for anyone with the Old Country Buffet Senior Card). Items on the menu for Friday include Seafood, Butter-fried Shrimp, Baked Salmon, Baked & Fried Fish, Rib's, Sirloin Steak, Carved Turkey and a complete Taco bar. Please let me know how many will be attending. Dan Miller, K3UFG@arrl.net, (814) 464-3664. See you there!!!

2009 AMSAT / TAPR Banquet

The third annual joint AMSAT/TAPR Banquet will be held Friday evening, May 15, 2008 during the Dayton Hamvention. The Banquet will be at the Kohler Presidential Banquet Center, Kettering, OH. Reservations are required and must be made by Monday, 11 May 2009. We are pleased to have Richard Garriott, W5KWQ as our keynote speaker.

You may make reservations for the 2009 AMSAT/TAPR Banquet on line at the AMSAT Store or contact Martha at the AMSAT office, tickets are $30 each. Additional information can be found on the amsat.org site. Tickets may be picked up at the AMSAT booth at Hamvention on Friday, or at the door.

Additional Activities

Saturday Activities

Penn-Ohio DX Society 070 Club Dinner

Karen Russo, W4KRN, has again graciously agreed to act as our "social coordinator" for a PODXS Ø7Ø Club dinner @ The Spaghetti Warehouse Restaurant 36 West 5th St. Dayton, OH 45402 at 5:30 pm. What a great opportunity to not only attend Hamvention, but also enjoy the company of some of our fellow members. If you are planning on attending, please drop Karen an email at: w4krn@his.com

The 17th Annual Dayton Contest Dinner

The North Coast Contesters are proud to announce The 17th Annual Dayton Contest Dinner. 2009 Contest Dinner tickets are on sale now exclusively via the WEB again this year! our web site.

http://www.contestdinner.com

Master of Ceremonies for the Dayton Contest Dinner is CQ Magazine Contest Editor John Dorr, K1AR. The 2009 CQ Contest Hall of Fame Inductions will be formally announced by the CQ WorldWide Contest Director Bob Cox, K3EST. The Contest Dinner will be held on Saturday night, May 16, 2009 at 6:30 PM Cash bar opens at 5:30 PM. Located at the Crowne Plaza Hotel (5th and Jefferson Streets) in the VAN CLEVE BALLROOM. Seating is random. Tables are set in rounds of 8. Tickets are only available on http://www.contestdinner.com Many contest operators from around the world attend this event. If you enjoy radio contesting, you do not want to miss this Contest Dinner in Dayton, Ohio. We expect a quick sell out just like past years. Go to the web and get your tickets early! - 73! Tim K3LR Dayton Contest Dinner Chairman - 17 years in a row and going strong!

HFpack Eyeball QSO Rally

"Largest gathering of HF backpack operators in the world" 12:30 p.m. to 1:30 p.m. Saturday May 16 - Location: Hara Arena main entrance.

HFpack Portable Pedestrian Mobile Net

"Huge Net of HF Portable Ops" - 1:00p.m. Saturday May 16 -18157.5 kHz USB --- Net Control: Mark KI0PF/PM

HFpack Dayton 60 Meter Net

Friday and Saturday Nights at 9:30 p.m. Net Control: Oliver KB6BA/PM 5371.5 kHz USB alternate 5403.5 kHz USB

Radio Society of Great Britain
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RadCom
2008 IOTA Contest
TERMS & CONDITIONS APPLY

Past DARA Presidents

1926	C.A. Petry	8AWN
1927	C.A. Petry	8AWN
1928	Lou Driggs	W8HEQ
1929	Ray Stotts	
1930	Art John	W8DMI
1931	Fred Rawson	W8KKH
1932		
1933	Fred Allen	W8GER (W8FU)
1934		
1935	Dan C. McCoy	W8CI (W8DG)
1936		
1937		
1938	Emil Henrich	W8OVL
1939		
1940	Russ Gardner	W8TPC
1941		
1942	Cheever Ely	W8LJ
1943	Cheever Ely	W8LJ
1944	Cheever Ely	W8LJ
1945	Hyde E. Ruble	W8PTF
1946	Hyde E. Ruble	W8PTF
1947	Russ Hardy	W8AQT
1948	Clem Wolford	W8ENH
1949	John Willig	W8ACE
1950	Clem Wolford	W8ENH
1951	Frank Schwab	W8YCP (W8OK)
1952	Frank Schwab	W8YCP (W8OK)
1953	Hyde E. Ruble	W8PTF
1954	Rudy Plak	W8ZOF
1955	Allan D. Gunston	W8GQ
1956	Andrew B. Henderson	W8WYL
1957	Robert G. Siff	W8QDI
1958	Ed F. Bonnet	W8OVG
1959	Joseph H. McNutt	W8GFN
1960	Walter G. Burdine	W8ZCY
1961	Robert F. Zimmerman	W8DPW (W8ZM)
1962	Hyde E. Ruble	W8PTF
1963	Richard D. McFadden	K8ERE
1964	Ted Suarez	K8BSC
1965	Robert E. Wilcox	K8EJI
1966	Jim Dakin	K8BPC
1967	Ken Mills	W8RLY
1968	George Shearer	WA8IHC (KE8WJ)
1969	George Shearer	WA8IHC (KE8WJ)
1970	Owen Vance	WA8PHW
1971	Jules Wittebort	W8SE
1972	Budd Chaney	WA8UUX
1973	Wesley Duckwitz	W8TPT
1974	Ken Mills	W8RLY
1975	Robert O. Wilson	W8JRN
1976	Robert O. Wilson	W8JRN
1977	Melvin L. Levy	WA8YKV
1978	Melvin L. Levy	WA8YKV
1979	William G. Ingling	W8SVI
1980	William G. Ingling	W8SVI
1981	Victor M. Stauder	N8FPF (WA2KOO)
1982	Victor M. Stauder	N8FPF (WA2KOO)
1983	Thomas W. Holmes	N8ZM
1984	Victor M. Stauder	N8FPF (WA2KOO)
1985	Edgar “Red” Smith	W8RKL
1986	Ray Smith	KR8B
1987	Ray Smith	KR8B
1988	Al Torres	KP4AQI
1989	Thomas W. Holmes	N8ZM
1990	Thomas W. Holmes	N8ZM
1991	Ron L. Moorefield	W8ILC
1992	Thomas W. Holmes	N8ZM
1993	Victor M. Stauder	N8FPF (WA2KOO)
1994	Thomas W. Holmes	N8ZM
1995	Dave Coons	WT8W
1996	Dave Coons	WT8W
1997	Michelle Ervin	KA9FUL
1998	Gary Des Combes	N8EMO
1999	Gary Des Combes	N8EMO
2000	John Phillips	N8ZGT
2001	Reuben Meeks	W8GUC
2002	Reuben Meeks	W8GUC
2003	Mike Buehler	N8XGA
2004	Mike Buehler	N8XGA
2005	Mike Kalter	W8CI
2006	Mike Kalter	W8CI
2007	Jim Simpson	WB8QZZ
2008	Jim Simpson	WB8QZZ

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The following are the Major Prizes that were awarded at the 2008 Dayton Hamvention®

1	IC-756 Pro III	$3,676.00	Gerald Unangst - No Call
2	IC746Pro	$2,264.00	Steve Schauer NI8T
3	FT-950	$1,840.00	Patrick Sullivan - No Call
4	IC7000	$1,816.00	John Elgin WA3MNN
5	FT-450	$1,320.00	Clarence Blankenship - W8CIH
6	FT-857ND	$1,101.27	Jeffrey Doub KC8IOC
7	IC2820H Dstar	$768.00	Bob Klaus N0YWB
8	IC2820H Dstar	$768.00	John Swez KC9JPZ
9	IC2820H Dstar	$768.00	John Randolph AA8PB
10	IC2820H Dstar	$768.00	David E Wilkerson - No Call
11	FT817ND	$758.42	Ryan Pettit
12	TM -D710A	$599.99	Rob Busard W8BYB

Dayton Hamvention® Past General Chairs

1952-1955	John J. Willig, W8ACE	*
1956-1957	Rudy Plak, W8ZOF (W6TIK)	*
1958	Frank J. Schwab, W8YCP (W80K)	*
1959-1960	Ed F. Bonnet, W80VG	*
1961-1962	Joseph H. McNutt, W8GFN	*
1963-1964	Sheemon A. Wolfe, W8WJL	*
1965-1966	Edgar A. Smith, W8RKL	*
1967	Robert Wilcox, K8EJI	*
1968-1969	Jack Ohmart, K8CUA	
1970-1971	Kenneth E. Mills, W8RLY	
1972	George L. Shearer, WA8IHC (KE8WJ)	*
1973-1976	Ted L. Suarez, K8BSC	*
1977	Wallace M. Wright, WA8ZCA (AD8N)	
1978	John Basilotto, W5GI (WA8ZAN)	
1979	Sandford H.Cohen, W8JEZ	
1980-1981	Noel K. McKeown, WB8QQC	
1982-1983	Harold A. Judd, K4GZL	*
1984-1985	Jack Mitchell, AA8Q	
1986-1987	Jim Simpson, WB8QZZ	
1988-1989	Bill McNabb, WD8SAY	
1990	Ed Hillman, N8ALN	
1991-1992	Ross Brown, WA8DQH	
1993-1994	Dave Grubb, KC8CF	
1995-1996	Ken Allen, KB8KE	
1997-1999	Dick Miller, N8CBU	
2000-2002	Jim Graver, KB8PSO	
2003	Pat Neff, N8IGS	
2004- 2005	Gary Des Combes, N8EMO	
2006-2007	Jim Nies, WX8F	
2008	Carl Rose, K8CPR	

* Deceased

2009 Dayton Hamvention® Committee

Committee	Position	Name	Call
Administration			
	General Chair	Carl ROSE	K8CPR
	Assistant General Chair	Lee BOECKERMAN	W8LFB
ADMINISTRATIVE ASSISTANT	Assistant - 1	Joanne KOPAS	KC8VSO
Staff			
Public Relations	Volunteer -1	Michael KALTER	W8CI
ARRL Liaison	Volunteer -2	Jim NIES	WX8F
Telephone Communications	Volunteer -3	Shirley ROBERTS	N8LX
I T & Written Communications	Volunteer -4	Jim SHAW	AL7BA
Communications Equipment	Volunteer -5	James STONEROCK	WB8JIM
Committees			
ADVANCE REGISTRATION	Chair	Thomas REYNOLDS	KC8AEU
	Assistant Chair	Mark MATTIX	WA8NGY
AWARDS	Chair	Frank BEAFORE	WS8B
	Assistant Chair	Jane BALDWIN	KD8FHP
COMMITTEE SERVICES	Co-Chair	Hazel EVERETTS	N8PTL
	Co-Chair	Jeff EVERETTS	N8IBW
COMMUNICATIONS	Chair	Josh LONG	KD8BVB
	Assistant Chair	Mike CRAWFORD	KC8GLE
DARA BOOTH	Chair	Dave AIVALOTIS	WB8SVJ
	Assistant Chair	Earl MOREO III	N6FXB
FINANCE	Chair	Jon THUERMER	KB8SRQ
FLEA MARKET	Chair	Brad GAMBLIN	N8TOJ
	Assistant Chair	Nancy KRODEL	KC8RMT
FORUMS	Chair	Todd COLLINS	N2TUN
	Assistant Chair	Robert SIMMONS	KD8FHT
GOLF CARTS	Chair	Mike BUEHLER	N8XGA
	Assistant Chair	Janey RUMINSKI	KB8PMF
INSIDE EXHIBITS	Chair	Joanne KOPAS	KC8VSO
LICENSE EXAMS	Chair	Mark ERBAUGH	N8ME
	Assistant Chair	George EWING	WD8NHI
MAILING	Chair	Frank GOOD	KA8GYV
	Assistant Chair	Kay BARGER	N8UFN
MEDIA	Chair	Henry RUMINSKI	WD8JOI
	Assistant Chair	Bill Curtice	WA8APB
M I S	Chair	George POTOR	W8NTY
	Assistant Chair	Mike NIBERT	KD8FOF
	Advisor	Jim SIMPSON	WB8QZZ
PRIZES	Chair	Sam ANDERSON	N8VES
	Assistant Chair	Terry SMITH	KC8GDS
PROGRAM	Chair	Jerry MILLER	WD8QAI
	Assistant Chair	Robert SIMMONS	KD8FHT
SECURITY	Chair	Greg MURPHY	KB8SWM
	Assistant Chair	Larry APPLE	N8MYQ
SPECIAL EVENT STATION	Chair	Jerry BODEY	N8OWV
	Assistant Chair	Marvin FORCE	KB8MUV
TALK-IN	Chair	Rob LUNSFORD	KB8UEY
	Assistant Chair	Brad TEMPLIN	W8NCI
TRANSPORTATION	Chair	Kenneth TILFORD	KC8ZKS
	Assistant Chair	Doug BELL	N8HSU
VOLUNTEER RECRUITING	Chair	Susan JEBENS	KD8AFP
WEBMASTER	Chair	Richard RIEBEN	KE4WLE

Tips on Programming D-STAR Radios for Local Area Repeaters

Calling W8BI Repeater from the Dayton Area

Frequency	Dup	Offset	TS	Mode	Name	YOUR	RPT1	RPT2
147.105	+	0.600	5K	DV	DARA 2	CQCQCQ	W8BI---C	W8BI---G
?		5.000	12.5K		DARA 440		W8BI---B	W8BI---G

Calling Other Area Repeaters from W8BI 2 Meter

Frequency	Dup	Offset	TS	Mode	Name	YOUR	RPT1	RPT2
147.105	+	0.600	5K	DV	Xenia	/W8RTL-C	W8BI---C	W8BI---G
					Hamilton 2	/W8RNL-C		
					Hamilton 440	/W8RNL-B		
					Cincinnati 2	/K8BIG-C		
					Cincinnati 440	/K8BIG-B		
					Lima	/KT7APRB		
					Columbus 2	/W8DIG-C		
					Columbus 440	/W8DIG-B		
					Indianapolis 2	/W9ICE-C		
					Indianapolis 440	/W9ICE-B		

Linking to Other Repeaters from W8BI 2 Meter

Frequency	Dup	Offset	TS	Mode	Name	YOUR	RPT1	RPT2
147.105	+	0.600	5K	DV	Xenia	W8RTL-CL	W8BI---C	W8BI---G
					Hamilton 2	W8RNL-CL		
					Hamilton 440	W8RNL-BL		
					Cincinnati 2	K8BIG-CL		
					Cincinnati 440	K8BIG-BL		
					Lima	KT7APRBL		
					Columbus 2	W8DIG-CL		
					Columbus 440	W8DIG-BL		
					Indianapolis 2	W9ICE-CL		
					Indianapolis 440	W9ICE-BL		

Calling Local Repeaters from Within Listed Cities

Frequency	Dup	Offset	TS	Mode	Name	YOUR	RPT1	RPT2
147.105	+	0.600	5K	DV	Xenia	CQCQCQ	W8BI---C	W8BI---G
145.160	-	0.600	5K		Hamilton 2		W8RNL--C	W8RNL--G
442.625	+	5.000	12.5K		Hamilton 440		W8RNL--B	W8RNL--G
145.350	-	0.600	5K		Cincinnati 2		K8BIG--C	K8BIG--G
444.000	+	5.000	12.5K		Cincinnati 440		K8BIG--B	K8BIG--G
443.625	+	5.000	12.5K		Lima		KT7APR-B	KT7APR-G
145.390	-	0.600	5K		Columbus 2		W8DIG--C	W8DIG--G
442.650	+	5.000	12.5K		Columbus 440		W8DIG--B	W8DIG--G
147.390	-	0.600	5K		Indianapolis 2		W9ICE--C	W9ICE--G
444.125	+	5.000	12.5K		Indianapolis 440		W9ICE--B	W9ICE--G

Linking to Reflectors from W8BI

Frequency	Dup	Offset	TS	Mode	Name	YOUR	RPT1	RPT2
147.105	+	0.600	5K	DV	US Reflector 1C	REF001CL	W8BI---C	W8BI---G
					England 5A	REF005AL		
					Australia 3B	REF003BL		
					UNLINK	-------U		

When programming the repeater call signs for D-STAR systems keep in mind that the **last** letter designates the module or band you wish to talk on or to. This last letter **MUST** be in the **8th** position. The dashes in the call sign blocks above represent the number of spaces required. When linking to other repeaters or reflectors, call signs ending with an '**L**' is a '**COMMAND**' function. Once the link has been established you should go back to your regular programmed frequency containing the '**CQCQCQ**' in the '**YOUR**' space. The '**UNLINK**' command consists of seven spaces and the '**U**' in the eighth position. As of this writing, the W8BI 440 MHz frequency has not been determined. The repeater group meets 7 p.m. Thursday evenings at the W8BI DARA clubhouse in Huber Heights. Generally someone is available to assist with IC-91and IC-92 D-STAR radios. No one in the group has experience with other radios. If you are willing to share your knowledge of other D-STAR radios, drop on in and educate the group.

Joe – KA8C

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D-STAR Notes

Internet sites

www.dstarinfo.com - D-STAR calculator – shows you how to program your radios UR, RPT1 and RPT2
http://www.dstarinfo.com/Nets/Nets.htm - S-STAR Nets
http://www.dstarinfo.com/Reflectors/Reflectors.htm - D-STAR Reflectors
http://www.dstarusers.org/viewrepeater.php?system=W8BI - Repeater detail. Replace W8BI with your repeater
http://dstarusers.org/ - D-STAR users for the past hour

Programming 'YOUR' or 'UR'

CQCQCQ — The UR should read when talking to someone on your local repeater.

WB8QZZ — Individual *(call sign example)* you want to talk to, but may not know his/her location. This method directs your transmission to the last repeater your intended contact person has keyed up. If the intended recipient moves to another frequency without keying up the D-STAR repeater he is monitoring, he/she will not receive the call.

/W8RNL C — This method is used when directing your communication to the destination repeater, which is other than the source repeater. This method is useful if you know which repeater your target is monitoring. Note the forward slant bar preceding the call sign This denotes a repeater as the destination. The letter 'C', always in the eighth position, designates 'Port C' or the 2-meter frequency of that call sign. The letter 'B' would be used to direct your communication to 'Port B' the 70 cm frequency.

W8RNL CL — This command will link you to the W8RNL repeater 'Port C'. The last letter 'L' is the linking command. Again, the letter 'L' must be in the eighth position. Both the source and destination repeaters will remain linked until such time as someone 'Unlinks' the systems. A repeater may be linked to only one other repeater or reflector at a time.

REFØØ1CL — UR example for linking command to reflector 1C. Several other reflectors are available and may be found by going to the D-STAR calculator mentioned above.

-------U — This UR is the 'Unlink' command. It is used to unlink from other repeaters or reflectors. The 'U' must be in the eighth position. In this example the dash marks represent spaces. Dashes should not be used when programming the unlink command.

W8BI---E — This is an 'ECHO' function. This UR used for checking quality of your signal into the repeater. Key up your transceiver and speak into the microphone. When you unkey, the repeater will replay or echo your transmission.

Audio from Linking Commands

'Remote system linked'	(when initially linking to another system)
'Link currently established'	(when keying up again before moving off to a UR: CQCQCQ)
'Remote system unlinked'	(when unlinking from system)
'Not currently linked'	(when keying up again before moving off to a UR: CQCQCQ)
'Remote system is currently busy'	(when repeater on far end is already linked to another system)

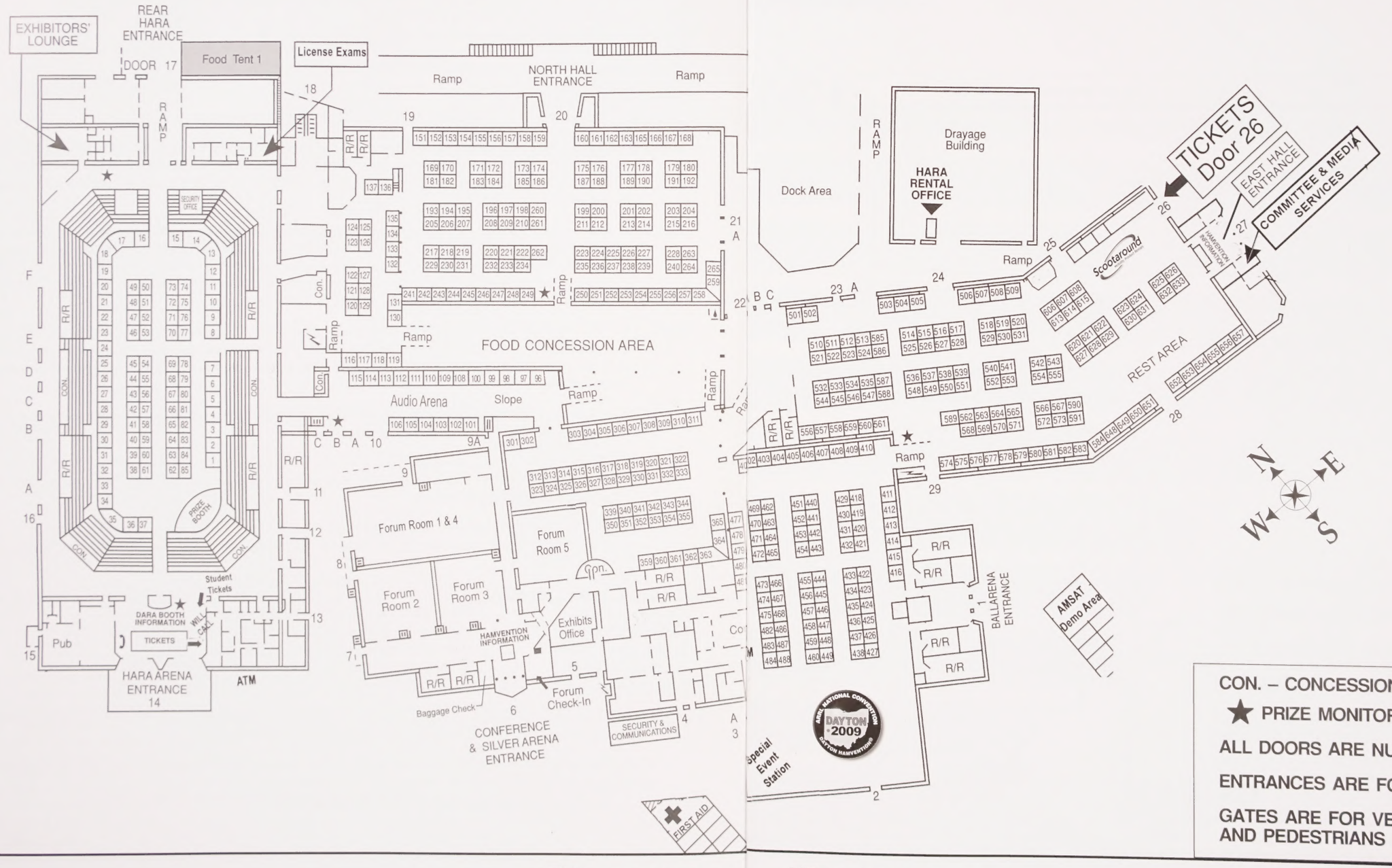
Notes: After linking and/or unlinking from a repeater or reflector, one should return to the local frequency with the 'CQCQCQ' in the 'YOUR' position to continue with your conversation.

All D-STAR users MUST be registered to operate on the gateway. Once registered, you will have worldwide capabilities. See your local system administrator to get registered.

>>>**DO NOT REGISTER MORE THAN ONCE** <<<

Joe, KA8C

Inside Exhibits



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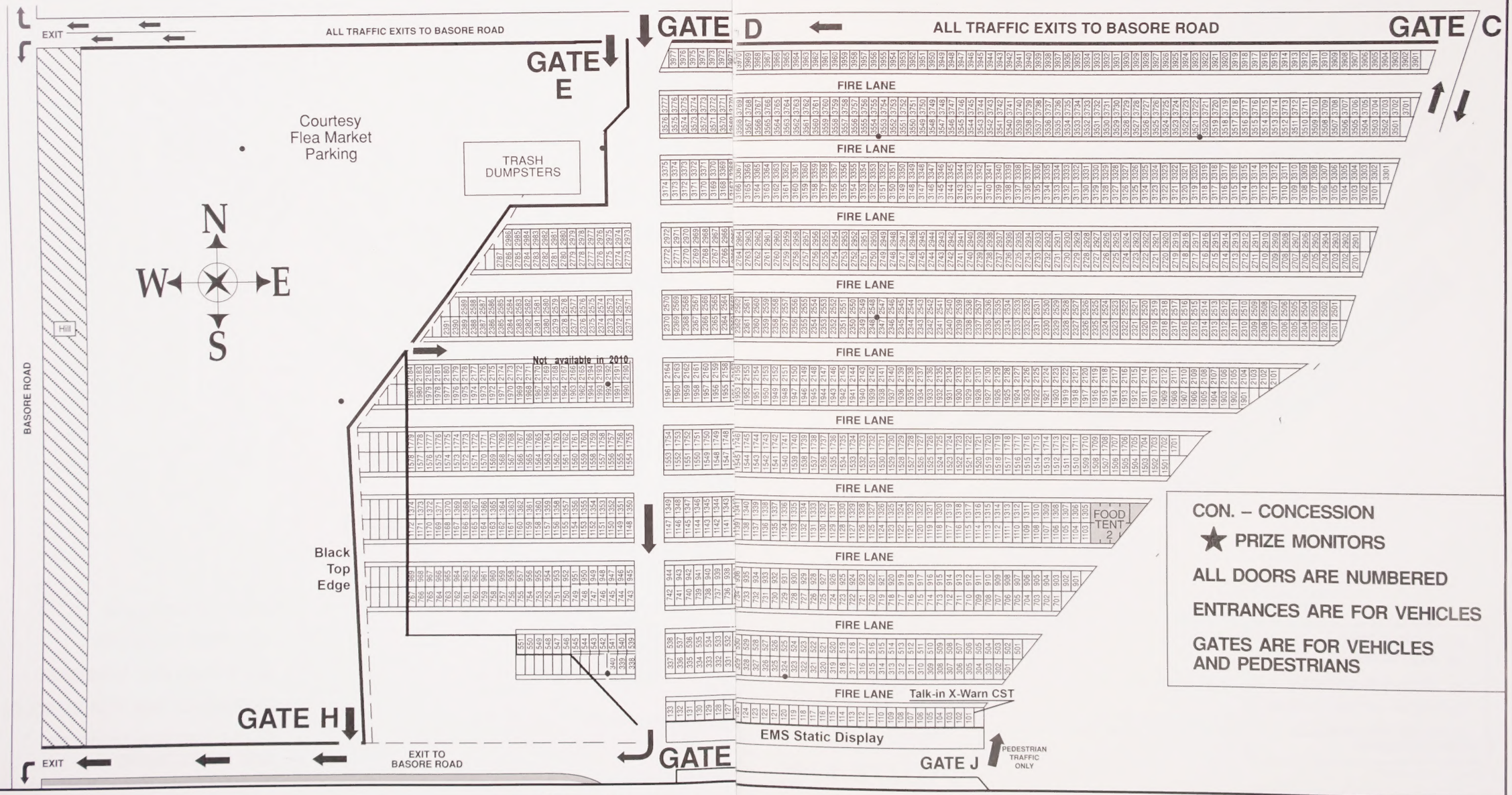
West Flea Market Map



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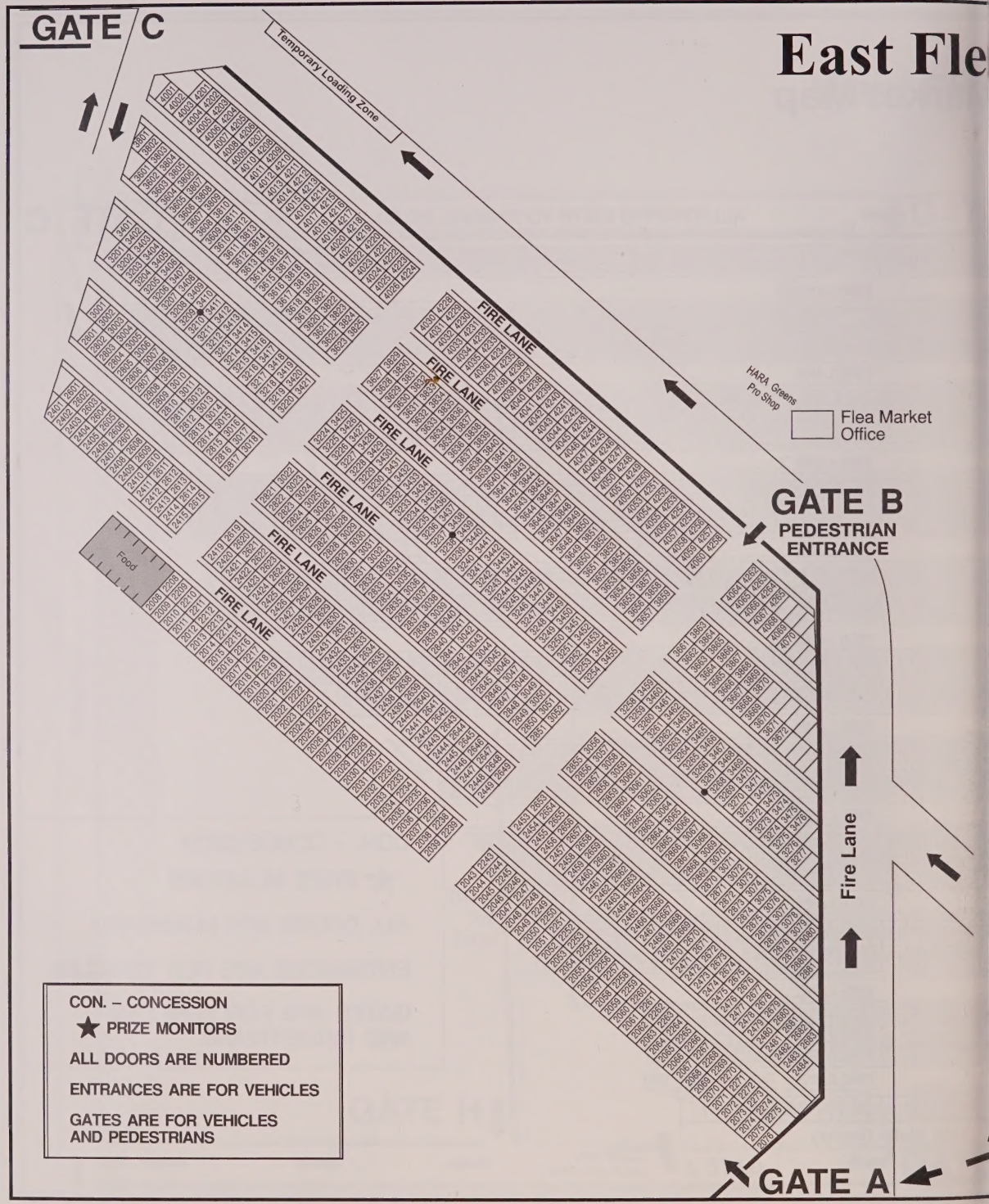

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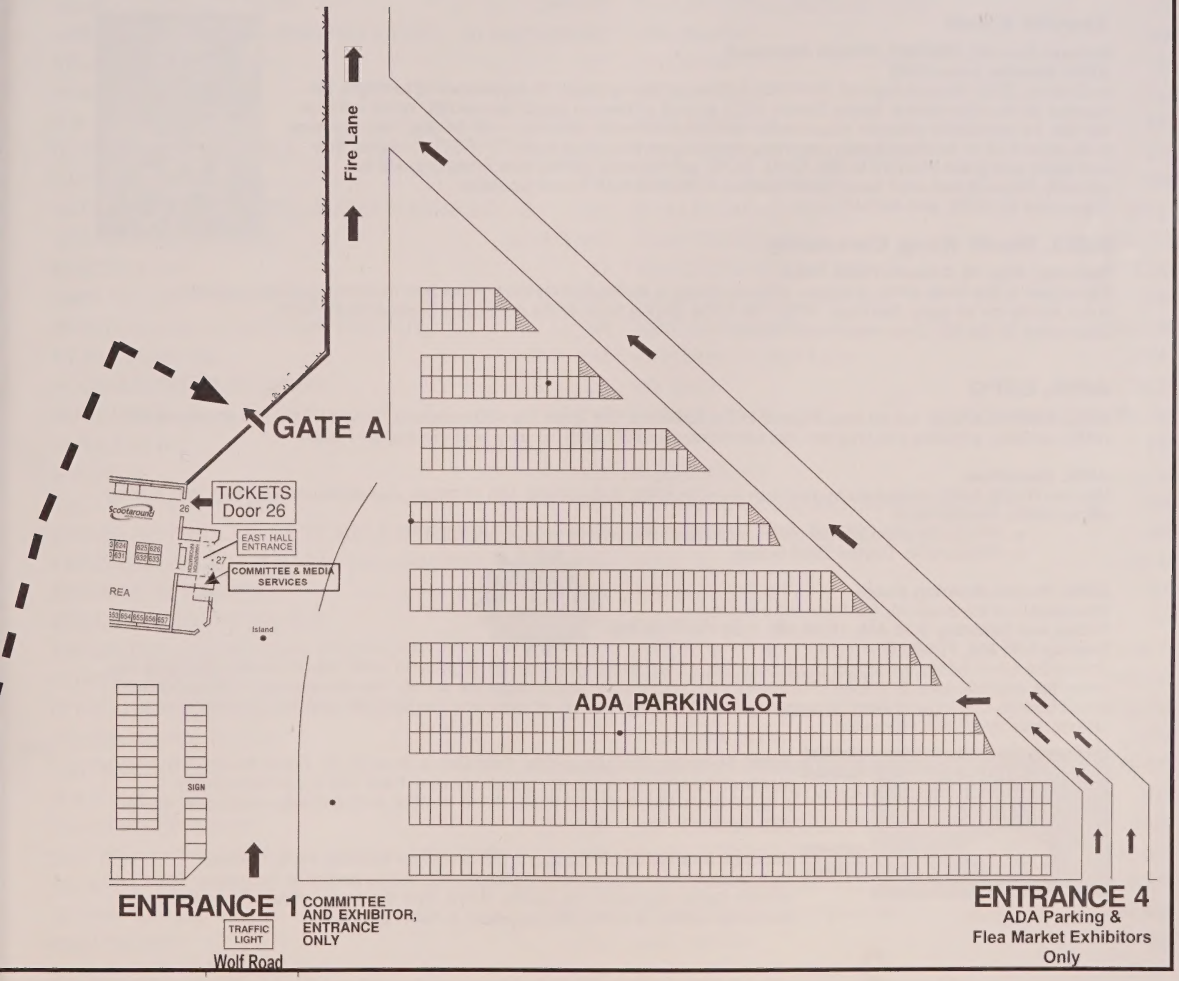
Market


N
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Fire Lane
GATE A
TICKETS
Door 26
EAST HALL
ENTRANCE
COMMITTEE & MEDIA
SERVICES
REA
Island
ADA PARKING LOT
SIGN
ENTRANCE 1
COMMITTEE
AND EXHIBITOR,
ENTRANCE
ONLY
TRAFFIC
LIGHT
Wolf Road
ENTRANCE 4
ADA Parking &
Flea Market Exhibitors
Only

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www.arrl.org

2009 ARRL National Convention
Dayton, Ohio

EXHIBIT & ACTIVITIES GUIDE
May 15-17, 2009

ARRL, the national association for Amateur Radio, welcomes members and friends to the 2009 ARRL National Convention at Dayton Hamvention®. Use this handy guide to find ARRL-sponsored activities and exhibits.

Special Guest

Richard Garriott, W5KWQ, Private Astronaut
ARRL Member since 2007
In October 2008, Richard Garriott, W5KWQ, fulfilled a lifelong dream to experience spaceflight. He traveled to the International Space Station (ISS) aboard a Russian Soyuz spacecraft. While living on the ISS, he conducted scientific experiments and environmental research – but he also had a chance to do quite a bit of Amateur Radio operating, including sending slow-scan TV (SSTV) images. **You can meet and greet Richard in the ARRL EXPO exhibit area (times and locations will be posted). Richard has also been confirmed as a Hamvention forum speaker.**
Sponsored by ARRL and AMSAT

ARRL Wouff Hong Ceremony

Saturday, May 16, Crowne Plaza Hotel
Participate in this lively ARRL tradition. The ceremony is steeped in mystery! Attendees receive a special keepsake. A fun activity for all ages. Saturday, 10:45 PM in the Beckel room at the downtown Crowne Plaza Hotel.
Sponsored by the NE Ohio Ham Radio Players

ARRL EXPO

ARRL EXPO is a large exhibit area located in the Ballarena Hall (near the 400-numbered booths). This is a showcase of ARRL exhibits, activities and program representatives—celebrating the very best of Amateur Radio.

ARRL Bookstore
Visit the HUGE ARRL bookstore to purchase popular ARRL publications, join or renew your ARRL membership, and pick up official ARRL merchandise.

- FREE Gift when you join ARRL or renew your membership at ARRL EXPO.
- FREE ARRL Dayton 2009 Button!

ARRL Project Building Booth
NEW
Pre-register at the booth for the following sessions:
Friday and Saturday 9:30 AM, 11:30 AM, 1:30 PM, 3:30 PM
Sunday 9:00 AM, 11:00 AM
Join in the fun of homebrewing (or project-building)! Live classes will be held. Sign-up to build one of the two affordable kits under the watchful eyes of a team of instructors who will mentor you through the activity. Handle electronic components, circuit boards, and try your hand at soldering. Great for beginners or anyone who has not built something in a long time. Unlock your inner do-it-yourselfer!

NEW **ARRL Field Day Exhibit** – ARRL Field Day is June 27-28. Come explore the many facets of the largest on-the-air operating event! Field Day is part emergency preparedness exercise, part public demonstration and part radio club social event. Join the fun!

NEW **W1AW/8 Special Event Station** – Get on the air from the ARRL National Convention! Operating times and frequencies will be posted at the station. Meet W1AW Station Manager Joe Carcia, NJ1Q, from the famed Hiram Percy Maxim Memorial Station at ARRL Headquarters in Newington CT.

2009 Dayton Hamvention® Exhibitors

EXHIBITORS	BOOTH #
10 10 INTERNATIONAL	409
AA COMPUTER WAREHOUSE	307,308
ACOM INTERNATIONAL	486
AES	26 - 29
ALFA RADIO	205,206
ALINCO	76,77
ALL OHIO SCANNER CLUB	435
ALPHA RADIO PRODUCTS LLC	135-137
ALUMA TOWER	525
AMATEUR ACCESSORIES	343,344,354,355
AMATEUR RADIO/VIDEO NEWS	451
AMATEUR TELEVISION NETWORK	236
AMERICAN MORSE EQUIPMENT	246
AMERICAN RADIO RELAY LEAGUE	800-809
AMERITRON	81,82
AMSAT	444-449
ARGENT DATA SYSTEMS	503-505
ARRAY SOLUTION/HILBERLING RADIO	613-615,620-622
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BENCHER INC	11
BIRD TECHNOLOGIES GROUP	413-414
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BT SYSTEMS INC	262
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DAYTON POST OFFICE/DAYTON STAMP CULB	543
DC ACE ELECTRONICS	169-170,181-182
DC POWER LLC	352,353
DISHTRONIX	572
DOWN EAST MICROWAVE	225,226
D-OXIT/FLORIDA HAMS ASSOCIATION	429

EXHIBITORS	BOOTH #
D-STRARUSERS.ORG DBA K5TIT	101,102
DX ENGINEERING	1,2,4-7
ELECRAFT INC	196-198
ELECTRONIC ASSOCIATES	13-14
ELECTRONIC PRODUCTS DESIGN	478
EMERGENCY OPERATIONS CTR	434
ENGELHAUPT EMBROIDERY	359,360
EZ HANG INC	588
EZNEC ANTENNA SOFTWARE	514
FALCON RADIO	541,553
FISTS CW CLUB	100
FLASH USB DEPOT	606-608
FLEXRADIO SYSTEMS	313-315
FORCE 12 INC	467
FOUNDATION FOR AMATEUR INTL RADIO SERVICES	412
FUTRONICS	183
GAP ANTENNA PRODUCTS,INC	30
GEMMAGIC	200
GLENTEK	126
G-QRP CLUB	241
GRE AMERICA	453
GREEN HERON ENGINEERING	531
HAGERTY RADIO CO	208
HAM RADIO OUTLET	20-23
HAM STATION INC	536-539
HAMTESTONLINE.COM	175,187
HAWK DISTRIBUTERS INC	540
HEIL SOUND LTD	103-106
HENDRICKS QRP KITS	247
HY-GAIN	24,25
ICOM AMERICA INC	33-37,96-98,562,563,586,589
ICS	195
IDIOM PRESS	12
INTERNATIONAL ANTENNA COMPANY	260
INTERNATIONAL RADIO CORP	405
JETSTREAM	41,42
K0XG SYSTEMS	520
KANGA	44
KENWOOD USA CORPORATION	50-53,70-73
KEYSOURCE TECHNOLOGY	418,419
KIJ ELECTRONICS OF OHIO INC	321,322
LIDO MOUNTS	574
LIGHTINING BOND ADHESIVES	575-577
LINK COMMUNICATIONS INC	416
LITTLE GIAN LADDER SYSTEMS	629
LUSO SUPER-TECHO	652-657
M CUBED ELECTRONIX	119,129
M2 ANTENNA SYSTEMS INC	627,628
MAC TENNA	261
MAHA ENERGY CORP	54,55
MARCH MAGNETIC PADDLES	244

2009 Dayton Hamvention® Exhibitors

EXHIBITORS	BOOTH #
MARCONI	483
MARS COMBINES MARS	318,319
MEDICAL AMATEUR RADIO COUNCIL LTD MARCO	361
METAL & CABLE CORP INC	502
METROTEL COMMUNICATIONS	193
MFJ ENTERPRISES INC	62-67,83-85
MICON TECHNOLOGY INC	411
MICRO HAM AMERICA	516
MICRO NODE	207
MICROLOG BY WA0H	326
MICROSYSTEMS DESIGN SERVICES	545
MIDWEST VHF/UHF SOCIETY	331
MINI CIRCUITS	475
MORSE TELEGRAPH CLUB INC	324
MOTOROLA	452
N4PY SOFTWARE	227
TOTALLY UNIQUE ENTERPRISE	410
TOWER ELECTRONICS	173,175,185,186
NATIONAL COMUNICATIONS	433
NATIONAL WEATHER SERVICE	320
NATL FEDERATION THE BLIND AND UNSEEN BEAN	302
NAVAL EOD TECH	350
NCG COMPANY (COMET/MALDOL/DAIWA)	56-58
NEUTEK	317
NEW-TRONICS	31,32
NUTS & VOLTS/SERVO MAGAZINE	45
OHIO AREA REPEATER COUNCIL	99
ON THE SPOT EMBROIDERY	341,342
PACIFIC ANTENNA	245
PALSTAR INC	581-583
PEET BROS. COMPANY INC	151-153
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ARRL EXPO (continued)

DXCC Card Checking and Logbook of the World (ARRL EXPO area)
Friday, Saturday, and Sunday
Personnel from the ARRL DXCC Branch will be on hand to check your DX cards and applications. All cards will be eligible for checking, including old cards, cards for deleted countries and cards for 160-Meters. Applications will be limited to 120 cards (more cards will be checked as time and volunteer Card Checkers are available). See **www.arrl.org/awards/dxcc** for the latest program information and current forms. Representatives from Logbook of the World will be giving demonstrations and answering your questions. See **www.arrl.org/lotw** for the latest program information.

ARRL Development and ARRL Foundation – Learn about charitable giving opportunities that help strengthen ARRL's work on behalf of Amateur Radio: annual campaigns, ARRL funds, memorial gifts and estate planning opportunities. The ARRL Foundation offers scholarships and grants for Amateur Radio.

ARRL Legislative Agenda – Learn about ARRL's federal legislative initiatives for the 111th Congress, and help further the recognition of Amateur Radio in your ARRL Division.

TravelPlus for Repeaters™ software demonstration.

ARRL Volunteer Examiner Coordinator – Licensing forms, testing information and more.

NEW **Ham Radio and Emergency Communication** – sponsored by the South Carolina Healthcare Emergency Amateur Radio Team (SC HEART) system. Find out how Amateur Radio plays a successful role in community partnerships.

NEW **Ham Radio and Scouting** – Ham radio and scouting are a perfect pair! Hear from active scouts and scout leaders about resources, programs and activities to interest boy and girl scouts in Amateur Radio.

Ham Radio and Boating – Kick-off Safe Boating Week with the United States Power Squadrons®. Information on Boating and Amateur Radio.

Vintage Radio Exhibit

NEW ▪ Tour a 1964 Collins Radio Company communications van—a Ford Econoline van that traveled as a mobile demonstration center for Collins equipment. The van is decked-out with vintage gear from the S-Line period!

NEW ▪ **Vintage Book Signing**: Meet photographer Joe Veras, K9OCO, author of the popular, new ARRL publication ***50 Years of Amateur Radio Innovation***. The book is filled with photographs of classic and legendary transmitters, receivers and transceivers from the "golden age" of Amateur Radio technology.

The International Amateur Radio Union

National radio societies throughout the world work together for the good of Amateur Radio through their global federation, the International Amateur Radio Union (IARU).

Meet the new IARU Officers: Timothy S. Ellam, VE6SH – IARU President and Ole Garpestad, LA2RR – IARU Vice President. Special exhibits are sponsored by the following national societies:

- IARU Region 1, hosted by the Deutscher Amateur Radio Club (Germany)
- IARU Region 2, hosted by the American Radio Relay League
- IARU Region 3, hosted by the Japan Amateur Radio League

ARRL Youth Activities

Co-chairs: Andrea Hartlage, KG4IUM and Scott Hartlage, KF4PWI

ARRL Youth Activities and Youth Lounge: Drop by the ARRL Youth Lounge to meet and socialize with other young hams. Whether you're 1 or 21, the Youth Lounge is sure to offer something that young hams will enjoy. Come to chat with other hams, listen to music, grab a snack or participate in one of the many activities, such as fox-hunts, scavenger hunts, Morse code fun, a QSL card designing contest, crafts, prizes and more. Whether or not you're licensed, you're welcome to come by and join the fun!

ARRL Youth Calling Frequencies: If you're looking for other youth during the convention, try calling them on the youth calling frequencies: 145.540 MHz (107.2 Hz CTCSS) primary and 146.430 (233.6 Hz CTCSS) secondary. Not licensed yet? Soon-to-be hams can check-in using FRS channel one.

ARRL Youth Dinner: Saturday night at 5:30 PM. Come to the ARRL Youth Lounge to find out the location of the dinner.

ARRL Youth Blog: Explore all of Dayton's nooks and crannies through the reporting of ARRL Youth Editor Duncan MacLachlan, KU0DM.

Got an idea for next time? Please contact the office of the ARRL EXPO Coordinator, email **expo@arrl.org**.

THANK YOU!

ARRL expresses its gratitude to the 2009 Dayton Hamvention® Committee, Dayton Amateur Radio Association, and all the volunteers that contributed to the success of the 2009 ARRL National Convention in Dayton, Ohio.

Forums Schedule

	Friday				Saturday				Sunday			
	Room 1	Room 2	Room 3	Room 5	Room 1	Room 2	Room 3	Room 5	Room 1	Room 2	Room 3	Room 5
8:00 a.m.												
8:15 a.m.												
8:30 a.m.												
8:45 a.m.												
9:00 a.m.												
9:15 a.m.		Ham Station Engineering Manuals 9:15-10:15	Kit Building 9:15-10:15	QRP 09:15-10:15	Contesting 9:15-11:15	SATERN 9:15-10:15	Lightning Grounding 09:15-10:15	VHF UHF Microwave 09:15-11:00	Red Cross 09:15-10:15	QCWA 09:15-11:00	Volunteers and EmComm 9:15-10:15	
9:30 a.m.												
9:45 a.m.	TAPR 09:15-11:15											Bicycle Mobile 09:30-11:00
10:00 a.m.												
10:15 a.m.												
10:30 a.m.		Drake 10:30-12:00	Teachers Workshop 10:30-12:00	ARRL Field Day 10:30-11:30		ARRL Members 10:30-11:30	Heil Sound 10:30-11:45		When All Else Fails 10:30-11:30		YLRL 10:30-11:30	
10:45 a.m.												
11:00 a.m.												
11:15 a.m.												
11:30 a.m.	APRS 11:30-12:30			QSL Cards 11:45-12:45	Youth 11:30-1:15	Newsline Town Meeting 11:45-2:00	RTTY 12:00-1:00	AMSAT 11:15-1:30				
11:45 a.m.												
12:00 p.m.												
12:15 p.m.		ARRL QST The Doctor Is In 12:15-1:15	Ham Radio and The Law 12:15-2:00	Alternative Energy 1:00-2:15								
12:30 p.m.												
12:45 p.m.					ARRL Special Guest Mr. Garriott 1:30-2:30		ARRL Digital Contesting 1:15-2:15					
1:00 p.m.	D-Star 12:45-2:15							SSTV 1:45-3:00				
1:15 p.m.												
1:30 p.m.		ARRL Public Relations 1:30-2:30				FCC 2:15-3:15						
1:45 p.m.												
2:00 p.m.												
2:15 p.m.			Gordon West 2:15-3:30	Software Defined Radio 2:30-5:00	DX 2:45-5:00		ARES 2:30-3:30					
2:30 p.m.												
2:45 p.m.		Foxhunting 2:45-3:45										
3:00 p.m.	Antenna 2:30-5:00											
3:15 p.m.												
3:30 p.m.			Techniques of the Best Operators 3:45-5:00			ATV 3:30-5:00	Collins 3:45-5:00	MARS 3:15-5:00				
3:45 p.m.												
4:00 p.m.		County Hunting 4:00-5:00										
4:15 p.m.												
4:30 p.m.												
4:45 p.m.												
5:00 p.m.												

Forum descriptions to be included in the Program are due by **April 1. Send to forums@hamvention.org.**

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Dayton Hamvention®
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Friday, May 15, 2009

9:15 a.m. – 11:15 a.m. **TAPR** **Room 1**

Moderator: Steven Bible, N7HPR

- "New Timing Products" John Ackermann, N8UR
- "HPSDR Manufacturing Update" Scotty Cowling, WA2DFI
- "From Napkin to Hamshack: Creating a TAPR Project"
- "Open Source to Open Hardware: What it means to you?"
- ARRL/TAPR Digital Communications Conference Update

11:30 a.m. - 12:30 p.m. **APRS** **Room 1**

Moderator: Stan Horzepa, WA1LOU

- "Universal Ham Radio Text" Bob Bruninga, WB4APR
- "New Byonics APRS Products" Byon Garrabrant, N6BG
- "New VHS Products APRS Products" Allen Lord, AF60F
- "New Argent Systems APRS Products" Scott Miller, N1VG
- "New RPC Electronics APRS Products" Jason Rausch, KE4NYV

12:45 p.m. - 2:15 p.m. **D-Star** **Room 1**

Moderator: Greg Sarratt, W4OZK

- "D-STAR Update, and the Alabama D-STAR Group" Greg Sarratt, W4OZK, ARRL Director- Southeastern Division, Co-founder of Alabama D-STAR project, www.arrl-al.org/Alabama_link.htm
- "D-STAR introduction and description of Georgia statewide systems" John Davis, WB4QDX, Georgia D-STAR Group, Emergency Coordinator for Gwinnett County, Georgia, www.dstarinfo.com
- "D-STAR developments in Northern Illinois" Kermit Carlson, K9XA, Engineering Physicist, Fermilab National Accelerator Laboratory,
- Fox River Radio League, www.frrl.org
- "D-RATS, the D-STAR digital data software" Dan Smith, KK7DS, Software Engineer, IBM Linux Technology Center, www.d-rats.com/wiki/
- "DV Dongle / D-PLUS", Robin Cutshaw, AA4RC, computer/network consultant by day and a D-STAR addict by night, www.dvdongle.com

2:30 p.m. - 5:00 p.m. **Antenna** **Room 1**

Moderator: Tim Duffy, K3LR

- "Loop Array Runs Circles Around The Beverage", Eric Scace, K3NA
- "Thoughts on Antenna Positions, Sloped Ground and Foregrounds", Dr. Dave Leeson, W6NL
- "An Effective Low Band Antenna for Small Lots", Rob Sherwood, NC0B
- "K4ZA's Tips, Tricks and Toolbox", Don Daso, K4ZA

9:15 a.m. - 10:15 a.m. **Engineering Manuals** **Room 2**

Moderator: Dino Papas, KL0S

Have you ever tried to remember exactly how you interfaced your digital communications equipment long ago? Do you look behind your radio desk and wonder where all those wires go? This forum presents a discussion of methods hams can use to maintain current equipment and software documentation, operation notes, and interconnections of station gear -- keep yourself from having to "reinvent the wheel" whenever you need to troubleshoot or change your station's configuration.

10:30 a.m. - 12:00 p.m. **Drake** **Room 2**

Moderator: Evan Rolek, K9SQG

Fellowship through Restoring Drake Equipment

- "Helping Each Other: Technical Assistance and Parts for Drake Equipment" Mark, WB0IQK
- "Making It New Again: You See the Panel First" Tony, KF8MW
- "Sharing Proven Techniques for Restoring and Refurbishing Drake and Vintage Equipment" Ron, WB4HFN
- "Quick Tips and Tricks: Enhancing Drake Equipment" Evan, K9SQG
- "Ask the Friendly Experts: Technical Question and Answer Period" Jeff WA8SAJ, Gary W8PU, Mark WB0IQK, and Bill WD8DFP

Free Prize Drawing

12:15 p.m. - 1:15 p.m. **ARRL/QST Presents "The Doctor Is In"** **Room 2**

Moderator: Joel Hallas, W1ZR

Come ask *QST*'s "Doctor" your technical Amateur Radio questions in person. *QST*'s Technical Editor will provide his best answer on the spot, or get back to you shortly after the Hamvention. Some questions and answers may end up in *QST*, if they seem likely to be helpful to our readers. This will be an informal, sleeves rolled up, chalk-talk environment. Bring your questions, or it won't work. *QST* is the membership journal of ARRL, the national association for Amateur Radio.

1:30 p.m. - 2:30 p.m. **ARRL Public Relations** **Room 2**

Moderator: Allen Pitts, W1AGP

Reaching out to the public is the life blood of Amateur Radio! From land- and property-use restrictions to recruiting, our ability to enjoy the service depends on keeping a positive image. Now ARRL introduces PR-101, a course to teach hams the basics of making and keeping a good relationship with your town and the media. If "every ham is a Public Information Officer," then every ham needs to know these skills.

2:45 p.m. - 3:45 p.m. **Foxhunting** **Room 2**

Moderator: Dick Arnett, WB4SUV

Speakers: Bob Frey, WA6EZV
Brian DeYoung, K4BRI

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

4:00 p.m. – 5:00 p.m. **County Hunting** **Room 2**

Moderator: Dick Arnett, WB4SUV

- "Mobile County Hunting and Rental Car: Installation and Airline Travel Considerations" Tim Eklin, W8JJ
- "Mapping Software for Trip Planning: Street Atlas, Paper Maps, and Satellite Images" Jeffrey Napier, AF3X

9:15 a.m. - 10:15 a.m. **Kit Building** **Room 3**

Moderator: Joe Eisenberg, K0NEB

Rediscover the joy of building your own equipment! There are kits for all levels from beginner to expert. This fun program will cover many aspects of kit-building and the skills you need to get started (or finish that project you set aside).

10:30 a.m. – 12:00 p.m. **Teachers' Workshop** **Room 3**

Moderator: Carole Perry, WB2MGP

Practical suggestions, ideas, and resources for teachers and ham radio instructors who work with youngsters.

- "How I Use Ham Radio As a Motivator in My All Ham Family" Steve Makky, KA2AYR; Susan Makky, KC0BLF
- "How to Recruit and Keep Kids Interested In Ham Radio" Steve Meer, K0SCC
- "How The Lake Monroe Amateur Radio Society is making a difference in the education of youth in their communities" David Jordan, AA4KN

12:15 p.m. – 2:00 p.m. **Ham Radio and the Law** **Room 3**

Moderator: Jim O'Connell, W9WU

Getting It Up and Keeping It Up

"Antenna Zoning for the Radio Amateur", Fred Hopengarten, K1VR, Brennan T. Price,N4QX, Attorney & ARRL Technical Relations Manager

Paula Uscian, K9IR, ARRL Volunteer Counsel

A discussion by Amateur Radio attorneys on legal issues of interest to hams:

- Avoid restrictive covenants
- Present your case for a tower permit
- Defend against nuisance claims

Plus, the latest court rulings on RFI, PRB-1 and towers as well as updates on the ARRL's Legal Defense and Assistance Committee.

Forums Continued on Page 33

Award Winners

Amateur of the Year – Wade D. Hampton , K4ITL

Wade D. "Danny" Hampton Jr, K4ITL, of Raleigh, North Carolina is the architect of the Piedmont Coastal Repeater Network, established in the early 1970s. Today the network sports more than 40 machines in North Carolina. The system is heavily used for public service work. Hampton has enhanced the network's utility with custom audio processing boards and RF components. Mr. Hampton was the recipient of the ARRL 2002 Technical Service Award. The North Carolina Office of Emergency Management and SKYWARN have recognized the network's vital role in emergency communication. Recently, Hampton helped coordinate the development of a local hospital-based Amateur Radio emergency repeater system that ties 10 facilities together. A ham since 1958, Hampton is Southeastern Repeater Association (SERA) technical committee chairman as well as ARRL North Carolina Section Technical Coordinator. "Danny's extensive knowledge of the two-way and broadcast radio industries in this state has enabled him to assist many repeater owners," said North Carolina SM John Covington, W4CC. "His advice in resolving RFI problems between repeater and commercial services, and other technical matters, has been extremely valuable to the Section."

Special Achievement Award – Richard Garriott, W5KWQ

Richard Garriott, W5KWQ, is a legendary video game programmer/designer and ham radio operator who was the sixth private citizen to fly to the International Space Station (ISS) Mr. Garriot was born in Cambridge, England and raised in Nassau Bay, Texas. At Clear Creek High School, he took an interest in computers and began self-directed courses in programming in which he created fantasy computer games. In the summer of 1977, Richard's parents sent him to Oklahoma University for a seven-week computer camp. Shortly after he arrived, some of the other boys attending the camp introduced themselves. When Garriott replied to their greeting of "Hi" with "Hello" they decided he sounded like he was from Britain, and gave him the nickname "British". Garriott uses the name to this day for his various gaming characters, including Ultima character Lord British and Tabula Rasa character General British, despite the fact that Garriott's parents moved to Texas when he was a baby and - despite his nickname and birthplace - he has an American accent, not a British accent. Richard has also made numerous contributions to Ham Radio – one major accomplishment was his communications work with schools via his shuttle experience. He is the son of scientist Owen K. Garriott, who became an astronaut and flew with Skylab 3 and Space Shuttle mission STS-9.

Technical Achievement Award - Copthorne Macdonald, VY2CM

Copthorne Macdonald is a writer, independent scholar, and former communication systems engineer. He writes about the nature and development of wisdom, new perspectives on mental and physical reality, and creating a sustainable future. His published works include six books (two on the subject of wisdom) and over 130 articles, reviews, and column installments. He developed the slow-scan TV system used worldwide in amateur radio, founded New Directions Radio to foster socially-relevant communication, established an Internet-based compilation of wisdom-related resources called THE WISDOM PAGE, and has done extensive educational work in the field of energy alternatives and energy conservation. Formerly a columnist with two U.S. national magazines and Associate Editor of one of them, he is currently on the Editorial Board of Integralis: Journal of Integral Consciousness, Culture, and Science. His

Continued on next page

Continued from previous page

engineering-related positions included Manager of the Electronic Design Department at Ball Brothers Research Corporation in Boulder, Colorado, and Director of Research at Vidcom Electronics in New York City. He is a citizen of both the U.S. and Canada, and lives in Prince Edward Island, Canada. For further information about Cop Macdonald, his publications, and his activities, check out his home page: www.copmacdonald.com

2010 Award Nomination Form

Your Name: _____ Your Call sign: _____

Your Address: _____

City: _____ State/Prov: _____ Postal Code: _____

Your Phone: _____ Your Email: _____

I am nominating the following for: (Please, check only one.)

❑ **Amateur of the Year** - This is for the special person who has made a long term commitment to the advancement of amateur radio. We are looking for a well-rounded individual who has contributed to our hobby in some outstanding way.

❑ **Technical Excellence** - This is for the person who has made an outstanding technical advancement in the field of amateur radio.

❑ **Special Achievement** - This is for the person who has made an outstanding contribution to the advancement of amateur radio. This award is usually given to a respected amateur who spearheaded a single significant project.

Their Name: _____ Their Call sign: _____

Their Address: _____

City: _____ State/Prov: _____ Postal Code: _____

Their Phone: _____ Their Email: _____

Please attach a statement as to why the above is worthy of the nomination. Attach any supporting documents and send to:

Dayton Hamvention® Awards
P.O. Box 964
Dayton, OH 45401-0964

Previous Award Winners

AMATEUR OF THE YEAR

1955 .....William C. Jenney, W8FYW
Benjamin S. Zieg, W9EHU, K40QK
1956.....Edmund C. Ryan, W8LRR
1957.....Ralph Crammer, W8VHO
1958 .....Rev. C. Lynn White, K4CC
1959.....Harlow Lucas, W8QQ
1960.....Paul Woffe, W8IVE
1961.....Ed Bonnet, W8OVG
1962.....Dana Cartwright, W8UPB
1963.....Chester Funk, K8EUF, K7ZKL
1964 .....H. Ruble, W8PTF
1965.....Carl B. Snyder, W8ARW
1966.....Robert K Caskey, W9DNQ
1967.....Jack Gray, W8JDV
1968.....Elmer Schubert, W8ALW
1969.....Wayne Walters, W9DOG
1970.....Kay Anderson, W8DUV
1971.....Al Michel, W8WC
1972 .....Don C. Miller, W9NTP
1973.....Ray E. Myers, W6MLZ
1974.....Barry Goldwater, K7UGA
1975 .....Richard A. Daniels, WA4DGU
1976.....Joseph M. Hertzberg, N3EA
1977.....Rafael M. Estevez, WA4ZZG
1978.....Frank Schwab, W8OK
1979.....George G. Batterson, W2GB
1980.....Wayne Overbeck, N6NB
1981.....Eric C. Shalkhauser, W9CI
1982.....Robert G. Heil, Jr., K9EID
1983.....Katashi Nose, KH6IJ
1984.....Dave L. Bell, W6AQ
1985.....John J. Willig, W8ACE
1986.....Roy Neal, K6DUE
1987.....Carole Perry, WB2MGP
1988.....Bill Bennett, W7PHO
1989.....Bill Pasternak, WA6ITF
1990.....Stephen Mendelsohn, WA2DHF
1991.....John B. Johnston, W3BE
1992.....Richard Baldwin, WIRU
1993.....Harry Dannals, W2HD
1994.....Perry Williams, WIUED
1995.....Rosalie White, WAISTO
1996.....William A. Tynan, W3XO
1997.....Leo I. Myerson, WØGFQ
1998.....Andrew J. Feldman, WB2FXN
1999.....Kenneth M. Miller, K6IR
2000.....Marttie Laine, OH2BH
2001.....George Jacobs, W3ASK
2002.....Alanson "Hap" Holly, KC9RP
2003.....Larry "Tree" Tyree, N6TR
2004.....David Kopacz, KY1V
2005.....Alan S. Kaul, W6RCL
2006.....Gordon West, WB6NOA
2007.....Jim Haynie, W5JBP
2008.....Ward Silver,NØAX

SPECIAL ACHIEVEMENT AWARD

1977.....South American Moonbounce (EME)
Expedition Team of the Mt. Airy VHF
Radio Club Inc., Philadelphia, PA
Elliott Weisman, K3JJZ
Anthony Sousa, W3HMU
S. William Olsan, W3HQT
Walter Boldman, K3BPP
Daniel Mitten, WA3NFU
Socrates Martinez, WB3AFY
Bohnar Aguilar, WB3AOP
1978.....Ronald Moorefield, W8ILC
1979.....Edward Tilton, W1HDQ
1980.....Joseph Merdler N6AHU
1981.....Bill Pasternak, WA6ITF, Bill Orenstein, KH6IAF
1982.....Bruce Humphrys, KØHR
1983.....Lenore Jensen, W6NAZ
1984.....Ethel Smith, K4LMB
1985.....Judith Frye, KG8P
1986.....Rev. Michael Mullen, C.M., WB2GQW
1987.....Arthur Gentry, W6MEP
1988..... Fred Hammond, VE3HC
1989..... Phil Karn, KA9Q
1990..... Paul Thomson, KCØVG
1991..... Nate Brightman, K6ØSC
1992..... Ned Raub, W1RAN
1993..... Robert Adams, WA9ZMO
1994..... Russ Kroeker, N7HGE
1995..... Ed Briner, WA3TVG
1996..... John Kraus, W8JK
1997..... Joseph J. Fairclough, WB2JKJ
1998..... John B. Bellows, Jr., KØQB
1999..... Paul D. Lieb, KH6HME
2000..... A. Prose Walker, W4BW
2001..... Frank Bauer, KA3HDO
2002..... Dr. Owen Garriott, W5LFL
2003..... Jonathan Taylor, K1RFD
2004..... George S. Wilson III, W4OYI
2005..... D. Bharathi, VU2RBI
2006..... Riley Hollingsworth, K4ZDH
2007..... Ed Hare, W1RFI
2008..... Emery McClendon, KB9IBW

TECHNICAL EXCELLENCE AWARD

1984.....Lyle Johnson, WA7GXD
1985 .....Richard Whiting, WØTN
1986.....M. E (Doug) DeMaw, W1FB
1987.....Henry (Hank) Oredson, WØRLI
1988.....Lew McCoy, W1ICP
1989.....Byron Goodman, W1DX
1990.....Bob McGwier, N4HY
1991.....Lou McFadin, W5DID
1992.....Gerald Cromer, K4NHN
1993.....Dick Jansson, WD4FAB
1994.....Dick Newell, AK1A
1995.....Philip Ferrell, K7PF
1996.....William Orr, W6SAI
1997.....Al Ward, W5LUA
1998.....Robert E. Bruninga, WB4APR
1999.....Alfonso R. Torres, KP4AQI
2000.....Dr. H. Paul Shuch, N6TX
2001.....Peter Martinez, G3PLX
2002.....Allen Waller, K3TKJ
2003.....Steve Dimse, K4HG
2004.....Barry Sanderson, KB9VAK
2005.....Dr. Jerry Sevick, W2FMI
2006.....Richard Illman, AH6EZ
2007.....David Cameron, VE7LTD
2008.....Thomas C. McDermott, N5EG

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2:15 p.m. - 3:30 p.m. **CLASS room ANTICS for ham elmers and instructors** **Room 3**

Moderator: Gordon West, WB6NOA

Learn and have fun with one of the most renowned amateur radio instructors. You never know what will happen when Gordon picks up the microphone but you will leave this show raring to get in front of a classroom!

3:45 p.m. – 5:00 p.m. **Techniques of the Best Operators** **Room 3**

Moderator: Mitch Stern, W1SJ

Speaker: Tony Pazzola, W2BEJ

In this forum, we will look at all the little things which add up to success on the air. Learn how to listen and how to speak. Pick up some pointers on what equipment and antennas work best. Find out how your station can be set up for maximum success. Learn the attitude you should adopt to insure this success.

These techniques will help you no matter what your preference is - be it Ragchewing, DXing, Contesting, or Public Service. Learn to be a better operator, put more contacts in the log, and have more fun!

9:15 a.m. – 10:15 a.m. **QRP** **Room 5**

Moderator: Ken Evans, W4DU

Speaker: George Dobbs, G3RJV

Now that I Built it, Who Can I Work?

We will provide information on building and operating small rigs. Learn where to find information on these small simple QRP rigs that you can build. Discover how many hams have worked the world using this gear. Anyone interested in having over 300 DXCC confirmed using one watt and simple receivers? Come and see how it's done and join in on doing more with less.

10:30 a.m. – 11:30 a.m. **ARRL Field Day** **Room 5**

Moderator: Dan Henderson, N1ND

A group of "Field Day" aficionados will share some helpful hints they have garnered from decades of Field Day operations. Special Field Day 2009 posters will be available to participants (while they last) as well as some special Field Day surprises. Come learn more about some of the unique and fulfilling ways groups across the US and Canada get on the air to celebrate ARRL Field Day.

11:45 a.m. – 12:45 p.m. **The Joy of QSL Cards, Special Events and Awards** **Room 5**

Moderator: Bob Dixon, W8ERD

QSL cards are interesting and fun to collect, in addition to their role in qualifying for awards. They are often historic, beautiful, humorous and educational. Various methods of sending and receiving QSL cards, including electronic, will be discussed, and handouts will be provided to everyone. Special operating events are fun and easy for modest stations, including things like Route 66 - The Mother Road; The Great Bathtub Race; The World Soccer Cup; and the World Radiosport Championships. Special Awards are often earned for things like Emergency Communications, Volunteer Service, and contacting specific groups of stations, such as All States or 100 countries.

A large display board exhibiting many special events and awards will be shown and described.

1:00 p.m. – 2:15 p.m. **Alternative Energy Sources** **Room 5**

Moderator: Frank Beafore, WS8B

With portability required for field experiments and emergency service activities, off-grid energy sources are desirable. This forum will discuss an array of available alternative energy choices with emphasis on micro-fuel cells. A presentation of Fuel Cell principals and a hands-on radio demonstration of portable Fuel Cell applications will be included.

2:30 p.m. – 5:00 p.m. **Software Defined Radio** **Room 5**

Moderator: Bob McGwier, N4HY

- "Status of Microwave Engineering Project" Michelle Thompson, W5NYV
- "A Top Secret Proposal for Contesting" Doug Grant, K1DG
- "New Offerings from Flex Radio" Gerald Youngblood, K5SDR
- "The Elecraft K3 as an SDR" Lyle Johnson, KK7P
- "HPSDR Project Update" Scotty Cowling, WA2DFI
- "Operating with an SDR" Joel Harrison, W5ZN, ARRL President

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

Saturday, May 16, 2009

9:15 a.m. – 11:15 a.m. **Contesting** **Room 1**

Moderator: Doug Grant, K1DG

- "The Deutscher Amateur Radio Club Contest Program and WAE-60 Celebration" Joerg Jaehrig, DJ3HW
- "A Tale of Two Winning Field Days - W3AO 23A and W2RDX 3A" Rol Anders, K3RA, and Vic Gauvin, K1PY
- "Skimmer - One Year Later" Pete Smith, N4ZR
- "Xtreme Contesting at Radio Arcala, OH8X" Toni Linden, OH2UA

11:30 a.m. - 1:15 p.m. **Youth** **Room 1**

Moderator: Carole Perry, WB2MGP

Honoring and Encouraging the Young Presenters.

- "How Ham Radio and Ham testing benefits the student" Carol Makky, KD0FEE, age 9, and Caitlyn Reynolds KC0ZFV, age 16
- "DX and QSL Collecting" Steven J. Makky Jr., KD0BHG, age 12, and Robert Makky, KD0DLU, age 11
- "Capturing The Youth through RAC (recruiting, advertising, and cool factor)" Simon Boehme, KC8ZYD, age 17, Michigan ARRL Youth ASM
- "Fractal Antennas" Austin Schaller, KD0FAA, age 14
- "Let's Go Mobiling" Ian Blodger, KD8AII, age 18, Ben Veltman, KD8GBY, age 16, and Josh Gerard, KC8ZOW, age 15…all from A.R.G.Y.L. (Amateur Radio Group of Youth in Lowell)

Our co-sponsors this year are ICOM, MFJ and RCA. Great door prizes for the young adults in the audience!

1:30 p.m. - 2:30 p.m. **Richard Garriott, Space Explorer** **Room 1**

Moderator: ARRL

In October 2008, Richard fulfilled a lifelong dream to experience spaceflight. He traveled to the International Space Station (ISS) aboard a Russian Soyuz spacecraft. While living on the ISS, he conducted scientific experiments and environmental research – but he also had a chance to do quite a bit of Amateur Radio operating, including sending slow-scan TV (SSTV) images. Twenty-six years ago, Richard's father, Owen Garriott, W5LFL, initiated the first ham radio contacts from space, aboard the Space Shuttle Columbia.

2:45 p.m. - 5:00 p.m. **DX** **Room 1**

Moderator: Jay Slough, K4ZLE

Assistant Moderators: Pete Meyer, N0FW, and Tom Kissner, W8WGT

- E44M - Simone Bizzarini, IZ0BTV
- K5D - TBD
- VK9DWX - Josh Fisher, W4WJF
- African DX Safaris - 'Frosty' Frost, K5LBU

Sponsored by SW Ohio DX Association and Yaesu Vertex

There will be a Yaesu FT-2000 with PEP raffled off at the end of the DX forum. You do not have to be present to win. Tickets for a chance on the FT-2000 are available at the forum, or may be ordered at the same time you purchase your DX dinner tickets. www.swodxa.com.

9:15 a.m. - 10:15 a.m. **SATERN** **Room 2**

Moderator: Peggy McNary, N9QT

Panel: Major Patrick McPherson, WW9E, National SATERN Director
Bill Schillington, W9ZCL, Central Territory SA
Bill Feist, WB8BZH, Southern Territory SA
Bill Hedeen, KB9AKD, Western Territory SA
Mark Griggs, KB8YMN, Eastern Territory SA
Major Rick Shirran, VE3NUZ, VE4RS, Canada SA

SATERN: An organization of hams who stand ready to help the Salvation Army with emergency communications during disasters throughout the world. Come and find out what SATERN has done and is doing.

10:30 a.m. - 11:30 a.m. **ARRL Members** **Room 2**

Moderator: ARRL Staff

An interactive session with ARRL national and regional leadership. ARRL is a membership organization—we are here for you. Come share your ideas and ask questions.

11:45 a.m. – 2:00 p.m. **Newsline Town Meeting** **Room 2**

Moderator: Bill Pasternak, WA6ITF

HAM RADIO: A LIFETIME OF CAREERS

Over the century that the radio has existed many famous names have been associated with it: Marconi, Loomis, Stubblefield and Tesla. They may not have held government issued licenses, but they were radio amateurs in the truest sense. It was their experiments over a century ago that brought us the modern telecommunications that we know today.

Those late 19th and early 20th century experimenters are gone. But others came in their place, and as they passed others took their place. And as the years passed, the contributions of radio amateurs — now as licensees — became a long list of accomplishments in all aspects of communications technology.

Most of them started as kids: Kid hams if you will. Kids with a thirst for knowledge and the need to share it with others.

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

Now, it is nearing the end of the first decade of the 21st century and the contributions of radio amateurs continue not just in research laboratories. Hams are on the cutting edge of every aspect of modern communications and in ways that you may never have imagined. Over the next 2 hours you will get to meet some of them and hear how they started as curious youngsters, but wound up making contributions to society in ways that they may never have envisioned.

The Ham Radio Town Meeting is sponsored by the Amateur Radio Newsline, Inc. It was organized in 1976 as the Westlink Radio Network by Jim Hendershot, (WA6VQP) and Bill Pasternak (WA6ITF). ARNewsline™ has produced and aired over 1640 consecutive weeks (31 years) of free news bulletin programming about Amateur Radio and related personal communications issues.

ARNewsline™ also created and sponsors the "Young Ham of the Year Award" program with corporate underwriting from Vertex-Standard (Yaesu) and CQ Publishing (CQ, Popular Communications and Worldradio Magazines).

It also co-sponsors the Roy Neal, K6DUE, Amateur Radio Mentoring Program, in partnership with the Quarter Century Wireless Association.

Speakers:

- Mark Abramowicz, NT3V, KYW Newsradio: "Ham Radio and a Career on the Air"
- David Bauer, K4PZT, Broadcast Engineer (Ret): "From Kid Ham To A Career In The Control Room"
- Henry Feinberg, K2SSQ "Ham Radio and A Career Making Science Understandable"
- Bob Heil, K9EID, Heil Sound Ltd. "A Poster Child For Ham Radio."
- Jim Hendershot, WA6VQP, Radio Design Group "Kid Ham to Radio Researcher"
- Richard McKay, K6VGP, Airline Pilot (Ret) "From Ham Radio to the Cockpit"
- Steve Mendelsohn, W2ML, ABC Television "Ham Radio - Marathons to Major League Sports"

2:15 p.m. - 3:15 p.m. **FCC** **Room 2**

Moderator: Laura Smith, Esq.
Speaker: Bill Cross

Ms. Smith recently accepted the position of FCC Special Counsel for the Spectrum Enforcement Division. Along with Mr. Cross she will update you on the latest amateur radio news from the FCC and field questions about the FCC and amateur radio.

3:30 p.m. – 5:00 p.m. **ATV** **Room 2**

Moderator: Art Towslee, WA8RMC

- "A few words about Gene Harlan" Sheri Harlan, K9SH
- "Introduction to ATV" Ron Cohen K3ZKO
- "ATVQ Magazine overview" Mike Collis WA6SVT
- "ATVQ Magazine Website" Bill Brown WB8ELK
- "Can You See Me Yet?" Henry Ruh AA9XW
- "Net Control of an ATV Net" Gordon West WB6NOA

9:15 a.m. - 10:15 a.m. **Lightning Protection** **Room 3**

Moderator: Ron Block, NR2B

Ron has over twenty years experience in the lightning protection industry as a lightning protection consultant, PolyPhaser newsletter editor, PolyPhaser product distributor, and brother of Roger Block, founder of PolyPhaser Corporation.

This program will begin by discussing the characteristics of lightning and how it affects us as amateurs, a review of your chances of being struck depending upon location and tower height, an examination of how lightning impulse current can be controlled to eliminate damage to equipment, how lightning strike magnetic fields from a nearby tower can destroy electronic equipment, proper exterior grounding for both protection and RF, and a useful approach toward establishing a single point ground system within the radio room. If this is done correctly, your radio equipment can survive a direct lightning strike.

The moderator will use a software simulator program to view the effects of (new) tower placement in relation to the radio equipment, coax/tower take-off height options, and single point ground connection options. The simulator is a graphic representation of the physical world and performs the calculations defined in the PolyPhaser publication Lightning Protection and Grounding Solutions for Communications Sites by Ken Rand of PolyPhaser Corporation.

Several copies of the PolyPhaser publication and the WR Block Simulator will be given away as door prizes.

10:30 a.m. – 11:45 p.m. **Heil Sound - Ham Station Audio** **Room 3**

Moderator: Chip Margelli, K7JA

Speaker: Bob Heil, K9EID

Bob will discuss ways to get the best audio from your station. He has dedicated his career to "good sound" and can show you how to transmit the clearest audio and how to clean up the sound from your speaker or headset.

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

12:00 p.m. – 1:00 p.m. **RTTY** **Room 3**

Moderator: Shelby Summerville, K4WW
Panel: Susan King, K5DU; Mike Sims, K4GMH; and Jamie Punderson, W2QO;
accommodate the diversity of participants in RTTY contests.
Each panelist will give a short statement and then be available to address questions and comments from the audience.

1:15 p.m. – 2:15 p.m. **ARRL Getting Started in Digital Contesting** **Room 3**

Moderator: Steve Ford, WB8IMY
Thousands of hams are discovering the joys of digital contesting. You don't need to be a big-gun station with a kilowatt and a tower to have hours of on-the-air fun. All you need is a radio, a computer…and some helpful advice that you'll pick up at this forum!

2:30 p.m. – 3:30 p.m. **ARES** **Room 3**

Moderator: Jack Sovik, KB8WPZ
Panel: Charles Miller, AE4UX, SEC for South Carolina; representing the administration of ARES at the Section level;
Southeast Division Manager Greg Sarrett, W4OZK; An ARRL disaster director during Katrina
Rob Macedo, KD1CY, Director of Operations for the VoIP Hurricane Net New Bedford MA., who will explain net responsibilities during a disaster.
The Maturing of ARES in this decade of 911 and Katrina. Has ARES changed much the past ten years? You betcha. We will explore major changes triggered by 9/11 and further refined by Hurricane Katrina.

3:45 p.m. – 5:00 p.m. **Collins** **Room 3**

Moderator: Dave Knepper, W3ST
The CRA is pleased to have as our presenter, Dennis Brothers, WA0CBK, former Manager and Chief Technician at Collins Radio and presently owns and operates a franchised Collins Service Center. Learn more about Collins equipment through a lively Q and A session that will add to everyone's knowledge from an expert who has over 44 years in Collins Radio repair and restoration.

Forums Continued on Page 44

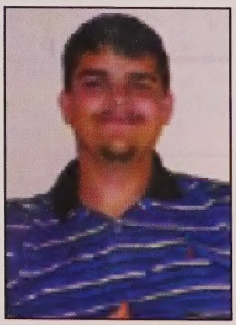
2008 DARA Scholarships

Since 1983, the Dayton Amateur Radio Association has been able to assist young amateurs heading to college by awarding scholarships. Over the years, we have awarded 131 scholarships that total more than $218,500. The scholarship can be used by the student for tuition at the school of his/her choice. The program is available nationwide to any FCC licensed amateur radio operator graduating from high school in the year the award is given. There are no restrictions on class of license or course of study.

Since we have returned to an "all-volunteer" show and reduced costs, we were able to reinstitute the scholarship program in 2005. We awarded two scholarships in 2006 and four scholarships per year for 2007, 2008 and 2009, through ARRL. At the same time, we are investing funds ($140,000 to date) in the ARRL Foundation to ensure that the scholarship program will continue into the future.

Jonathan Baize, AD5OJ, of Fort Davis, Texas, has been licensed since March, 2003, and currently holds an Extra class license. Baize was home schooled through high school and currently attends Bob Jones University carrying a 4.0 GPA in his studies toward a degree in Electrical Engineering. His career goal is Aerospace Communications. Jonathan is a five-year member of ARRL and also belongs to the Big Bend Amateur Radio Club. He enjoys experimenting with amateur satellites and digital communications. He operates on 2m and uses both CW and SSB on the amateur bands 15m to 80m. He has made DX contacts on 8 continents and about 100 countries

Scott Button, KF3CP of Farmington, PA, has been licensed since 1998 and currently holds an Extra class license. He is currently enrolled at West Virginia University where he has earned a 4.0 GPA in his studies in Chemistry and Biology. His career goal is to practice law. Button is the recipient of a NASA Space Grant Fellowship and scored a perfect 1600 on his SAT in 2004. He has been an ARRL member since 2002, and also belongs to the Uniontown Radio Club and the West Virginia University Amateur Radio Club. He is interested in 2m operation and was an avid DXer prior to college. He prefers CW and looks forward to improved sunspot numbers.



Stephen Hughes, KI4EBV, of Brighton, TN, has been licensed since 2004 and holds an Extra class license. He is currently enrolled at the University of Tennessee at Martin and has earned a 4.0 GPA in his studies in music education. His career goal is to be a percussionist or band director. He received the Chancellor's Award as an honor student at Tennessee. Stephen is an Eagle Scout and member of his high school and university marching bands. He is a member of the West Tennessee Area Radio Society, the Tipton Amateur Radio Society, the Memphis Amateur Radio Society and the Delta Amateur Radio Society. Stephen's Amateur Radio interests range from chasing DX on 20m to 75m nets and 2m locally.

2008 DARA Scholarships

Jacob Wagner, KD8CDC, of Cuyahoga, OH, has been licensed since 2005 and holds an Extra class license. He is currently enrolled at Kent State University and has earned a 4.0 GPA. Jacob's field of study is Chemical Engineering with a career goal of becoming a chemical engineer or a biomedical researcher. He has been awarded high honors and 16 departmental awards, including the Yale Book Award. His activities have been varied from theater to Science Olympics, chess, Jazz, show choir band and pit orchestra. Stephen has been an ARRL member since 2007 as well as the Cuyahoga Amateur Radio Society and the Ten-Ten International Net.

David W. Misek, N8NPX Memorial Scholarship

Janet Ruminski, KC8WGT

It is our great pleasure to announce that the ARRL Foundation has chosen Jan Marie Ruminski, KC8WGT, as the first recipient of the David Misek Scholarship. This decision was based on her academic honors, awards and/or distinctions; community and extracurricular activities; and Amateur Radio activities. Jan Marie also met the criterion of a home residence in one of the counties contiguous to Montgomery County, Ohio.

Her parents are Henry Ruminski,WD8JOI, and Jane Ruminski, KB8PMF, of Beavercreek, also active members of the Dayton Amateur Radio Association.

2009 DARA Scholarship Winners

Nicholas Bauer, KC9CZY, Bloomington, IN
Alex Brech, KCØYLD, Murray, MN
Thomas Fielitz, KC8YAK, Smiths Creek, MI
Emily Stewart, KCØPTL, Leavenworth, KS

Future Scholarships

The ARRL Foundation will be announcing the recipients of DARA's 2009 Scholarships after May 15th. To apply for future DARA Scholarships, please contact the ARRL Foundation at 225 Main Street, Newington, CT 06111 or by e-mail at foundation@arrl.org. Applications and instructions can be downloaded from:

http:/www.arrl.org/arrlf/schoappl.html

Applications must be submitted no earlier than October 1st and no later than February 1st along with a current academic transcript.

Past DARA Scholarships Awarded

Year	Scholarship #1	Name	Call	Scholarship #2	Name	Call	Scholarship #3	Name	Call	Scholarship #4	Name	Call
1983		Richard Gibson			David Somers							
1984		Terence R. Mahone			Jerome J. Serotnik							
1985												
1986		Tracy LaFleur	N5FKG		Angela Fox	KA6JPD		Christine Hammer	WD8PWV		Brian Bourque	KA1IPP
1987		Carol Lee Colby	KA8PLF		Michael Wozniak	KD8TA		Douglas Kleeman	KA9LWN		Robert Jackson	KA7OCV
1988		Lynn Bailey	KA8PWD		Ross Lepiane	WG7I		David Milthaler	N8FGX		Scott Sterling	KA8UGM
1989		Laurie Sandell	N2FSO	Robert F. Zimmerman	Jon Kidder	KB8QFL		Cynthia Gauthier	N5KLQ		Lesley Walker	N4TFJ
1990	Charles G. Frye	Mark Hendrickson	N6WRL	Robert F. Zimmerman	Mary K. Beardslee	N8HY		Martin Green	KA2VLD		Jennifer Doerrie	KA5WMJ
1991	Charles G. Frye	James Harper	KB5CTQ	Robert F. Zimmerman	Jerry Hensley	N8HUT		John Scott	KA9OAG		Jennifer Doerrie	KA5WMJ
1992	Charles G. Frye	Thomas M. Turk	KM4VI	Robert F. Zimmerman	Shawn E. Allen	KB8IYA		Michael A. Shelly	KF0SV		Dwight A. Harris Jr.	N0NTM
1993	Charles G. Frye	Dean Madsen	KE0WO	Robert F. Zimmerman	Matthew Minney	N8PIG	David L. Beam	Steven Fook	N2PIF		Dwight A. Harris Jr.	N0NTM
1994	Charles G. Frye	Jerry "Jay" Hensley Jr.	N8HUT	Robert F. Zimmerman	Eric I. Shook	KF8DF	David L. Beam	Douglas P. Regulinski	N2QAN		Dwight A. Harris Jr.	N0NTM
1995	Charles G. Frye	Teresa M. Hensley	KA8YTO	Robert F. Zimmerman	Eric I. Shook	KF8DF	David L. Beam	Alexis M. Leynes	N9KYJ		Dwight A. Harris Jr.	N0NTM
1996	Charles G. Frye	Teresa M. Hensley	KA8YTO	Robert F. Zimmerman	Matthew R. Thomas	N8TWF	David L. Beam	Sandra K. Saunders	AB4KS		Dakota A. Derr	AA0NB
		Jason Hale &	KF4NVT									
1997	Charles G. Frye	Christopher Hale	KF4JUO	Robert F. Zimmerman	Griffith Davies	KC7NWC	David L. Beam	Karen Tessneer	KB8YPN	Frank Schwab	Andrew Sieber	KD4JTV
1998	Charles G. Frye	Adam F. Henry	KC8DDO	Robert F. Zimmerman	James P. Horn	KB8HIP	David L. Beam	Jessica S. Reinhardt	KD6ARA	Frank Schwab	David L. Sellars	N8WAE
1999	Charles G. Frye	George M. Hagedon	KF8XZ	Robert F. Zimmerman	Michael S. Schoettinger	KC8LQU	David L. Beam	Eian D. Counts	KC8EVP	Frank Schwab	Michael Gossenauer	N0UNY
2000	Charles G. Frye	Leslie K. Karp	KC6WZQ	Robert F. Zimmerman	Joseph M. McDermott	KC2CCA	David L. Beam	Victoria R. Morgan	KF4PNI	Frank Schwab	Michael Gossenauer	N0UNY
2001	Charles G. Frye	Sara K. Hanna	KE6MWX	Robert F. Zimmerman	Candice M. Elliott	KC2DTE	David L. Beam	Victoria R. Morgan	KF4PNI	Frank Schwab	Jeffrey R. Doub	KC8IOC
2002		Thomas A. Tenaglia	K3TAT		William S. Bailey	KF4VAU		Victoria R. Morgan	KF4PNI		Nicholas D. Bishop	KG6JSA

Year	Scholarship	Name	Call	Scholarship	Name	Call	Name	Call	Name	Call	Name	Call	Name	Call	Year
1983															1983
1984															1984
1985															1985
1986															1986
1987															1987
1988															1988
1989															1989
1990		Michael Adams	N8GEV												1990
1991		Mary K. Beardslee	N8HEY		Robert Macedo	N2JXQ	Eric Stewart	KA6YYW	Martin Gruen	KA2VLD					1991
1992		Kevin D. Creech	N7VYU		David C. May	KA7STL	Jerry A. Hensley Jr.	N8HUT	Martin H. Gruen	KA2VLD					1992
1993		Barbara Curry	N4TCC		David C. May	KA7STL	Jerry "Jay" Hensley Jr.	N8HUT	Martin H. Gruen	KA2VLD					1993
1994		Alexis M. Leynes	N9KYJ		Stefnee S. Lindberg	N0ONP	Sadie A. Pairitz	KB9CGX	Samantha L. Sheffield	KD4AMZ					1994
1995		Thomas Jirku	N1RFF		Shesha D. Martin	KD6IDF	Kyle Pinches	N8VRA	Johnathan Ramezan	KB8FSD					1995
1996		Lindsay L. Schoettinger	KB8ZJT		Melissa E. Schweikhart	KB8EPO	Eric J. Shook	KF8DF	Kurt A. Zoglmann	KB0TMQ					1996
1997	John Willig	Melissa E. Schweikhart	KB8EPO		Lindsay L. Schoettinger	KB8ZJT	Michael Gossenauer	N0UNY	Barry Mather	KB7VQV					1997
1998	John Willig	Melissa E. Schweikhart	KB8EPO	L.T. Jones	Brian P. Letendre	KE6IRJ	Michael Gossenauer	N0UNY	Colleen A. Loeffler	KB8QGX	Erin M. Swaney	N3MGY			1998
1999	John Willig	Melissa E. Schweikhart	KB8EPO	L.T. Jones	Beth A. Barlow	KC8EIU	Sonya A. Balsky	KB2MVU	Mignon M. Sims	KC5HJU	Nick E. Beltramelli	KB9FFS	John L. Walker	N4DMR	1999
2000	John Willig	Elizabeth S. Haynes	KA1YBE	L.T. Jones	Stephan A. Markland	KC8EAQ	Vanessa S. Dunlevy	KC8IFE	Julie H. Jeon	KF6YMD					2000
2001	John Willig	Frederick B. Hummler III	KB8WUI	L.T. Jones	Joseph P. Malburg	KC8DFT	Daniel S. Cox	KC8IGP	Derek E. Floyd	KC5DBS	Ryan P. McGaver	N9ARS			2001
2002		Jenne N. Hansen	KB2RAP		Sara K. Hanna	KE6MWX	Jeffrey R. Doub	KC8IOC	Michael J. Haessler	KB9TGE	Amy M. Morris	KI6F			2002
2003															2003
2004															2004
2005							Jennifer Kincer	KC8HWM							2005
2006							Stuart Bottom	KF6UDF	Justin Kates	KB3JUV					2006
2007							Aaron Bestick	KD7YQE	Amy Johnson	KB3HXF	Bryce Salmi	KB1LQC	Jonathan Van Norman	KC0ORR	2007
2008				Dave Misek	Janet Ruminski	KC8WGT	Jonathan Baize	AD5OJ	Scott Button	KF3CP	Stephen Hughes	KI4EBV	Jacob Wagner	KD8CDC	2008

9:15 a.m. – 11:00 a.m. **VHF/UHF/Microwave** **Room 5**

Moderator: Mike Schulsinger, N8QHV

- "Motorola commercial transceivers on 902-928 MHz" Mark Miller, N5RFX
- "From Kid Ham To A Career In The Control Room"
- "Digital antennas" Kent Britain, WA5VJB
- "Fred Fish Memorial Award" Kevin Kaufhold, W9GKA

11:15 a.m. – 1:30 p.m. **AMSAT** **Room 5**

Moderator: Barry Baines, WD4ASW

- Richard Garriott, W5WKQ On October 12, 2008 Richard Garriott launched into space aboard Soyuz TMA 13 and became the first second-generation American in space. Richard's father, Owen, is a NASA astronaut and carried the first ham radio into orbit on his second flight in 1983 aboard the 9th shuttle flight. Of the many experiments and activities Richard performed in orbit he notes that his ham radio activities were by far the most fulfilling. In his 10 days aboard the ISS and at the Kenwood D700 radio, Richard completed over 500 QSO's, while sending hundreds of SSTV images and speaking with dozens of school children globally. Richard will touch on his training, the flight and his impressions from space, and highlight his ham radio activities.
- "AMSAT Status Report: What is happening with AMSAT?" AMSAT President Barry Baines will highlight current activities within AMSAT and discuss some of the challenges facing the organization.
- "SuitSat-2 Status Report" Gould Smith, WA4SXM, AMSAT VP-Member & User Services, SuitSat-2 Systems Engineer
- "AMSAT Satellite Operations Update" Drew Glasbrener, KO4MA, AMSAT VP-Operations
- "A Ham Radio Operator's View of ARISS" Will Marchant, KC6ROL, AMSAT VP-Human Space Flight
- "Antennas for the Columbus Module" Lou McFadin, W5DID, ARISS Hardware Manager

1:45 p.m. – 3:00 p.m. **SSTV** **Room 5**

Moderator: Don Miller, W9NTP

"The Beginning of Slow Scan Television", Cop Macdonald

"SSTV from High Altitude Balloons", Bill Brown, WB8ELK, How to design your microcontroller-based SSTV transmitter, plus how to demonstrate your own on-line streaming video on the Web.

3:15 p.m. – 5:00 p.m. **MARS** **Room 5**

Moderator: Ronald Jakubowski,
Maj, SC, Ret AAA9AR/K2RJ

Speaker: Steve Waterman

- Update from the MARS service Chiefs - Army, Air Force and Navy-Marine Corps.
- Regional structure changes implemented by Air Force MARS
- Impact of new DoDI on Army, AF, and N-MC MARS Programs
- Army MARS "Road Ahead" and MARS-101 Training Program.
- A short WinLink-2000 technical "capability" update, hosted by WinLink-2000 expert - Steve Waterman.
- Army MARS Regional Director Updates and general Q&A on MARS-related subjects.

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

Dayton Hamvention®
Sponsored by Dayton Amateur Radio Association
Since 1952

Sunday, May 17, 2009

9:15 a.m. – 10:15 a.m. **Red Cross** **Room 1**

Moderator: Dan Miller, K3UFG
Speaker: Judy Miller, K1UFG

Erie (PA) Red Cross Chapter – EmComm Voice of the Tri-State Area
Join us to learn how one Chapter has excelled in the area of emergency communications through the utilization of Amateur Radio. Capabilities currently include voice and digital on both HF and VHF, our own UHF repeater on 444.875 MHz, a Radio Mail Server (replacing a TelPac Node) on 2M, and EchoLink. We have developed county-wide communications exercises to test and maintain the highest possible readiness levels. Come share YOUR ideas and experiences so that we can all be better prepared for the NEXT disaster!

10:30 a.m. - 11:30 p.m. **When All Else Fails, South Carolina is Ready** **Room 1**

Moderator: Bob Besley, K4NJN
Speakers: John Crockett
William Dease
Charlie Miller, SC ARRL SEC
Facilitated by: Dr. Jim Boehner ARRL SM (SC)

Learn how South Carolina Amateurs used local partnerships, Health and Human Services Grants, and Federal Homeland Security Funds to build the most comprehensive statewide communication system in the United States. Speakers will demonstrate examples of equipment purchased and describe how they trained over 1000 new hams in under one year to increase the number of emergency responders available.

9:15 a.m. – 11:00 a.m. **QCWA** **Room 2**

Moderator: Bill Pasternak, WA6ITF
Speaker: Bob Roske, N0UF, QCWA President

Updates and fellowship for members of the Quarter Century Wireless Association. This is also the QCWA Annual Members' Meeting. If you have been licensed for at least 25 years this is the place to be on Sunday morning.

9:15 a.m. - 10:15 a.m. **Volunteer Emergency Communicators: *Are We Still Needed*?** **Room 3**

Moderator: Curt Bartholomew, N3GQ

The briefing shows not only the need for volunteers but was also the need to prepare, and other considerations. In January of this year, Curt was hired by the FCC as its new Senior Emergency Manager in its relatively new (2 years) Public Communications Outreach & Operations Division in the Public Safety & Homeland Security Bureau. His responsibilities are wide and include continuity of operations and government (COOP & COG), maintaining situational awareness, and responding to significant emergencies and disasters.

10:30 a.m. - 11:30 a.m. **YLRL – Young Ladies Radio League** **Room 3**

Moderator: Anne Manna WB1ARU
Speaker: Tina Clogg, VK5TMC
The YLRL (Young Ladies' Radio League) exists to encourage and assist YLs (Young Ladies) throughout the world to enter into the Amateur Radio Service. There are a variety of interests to offer licensed YLs: Traffic Handling, Public Service, Civil Defense, Contests, Awards, DX, etc., on AM, CW, SSB, FM, RTTY, AMTOR, Packet and Satellite. Of course, there are the infinite benefits derived from just plain gal-to-gal ragchewing and the resulting friendships. You are always welcome in any YLRL activity. Come on in—the YLs are anxious to meet you!

9:30 a.m. – 11:00 a.m. **Bicycle Mobile** **Room 5**

Moderator: Mike Nicholaus, NF0N
Speakers: Arnie Grubbs, KA0NCR
Norm Huber, N9ZKS

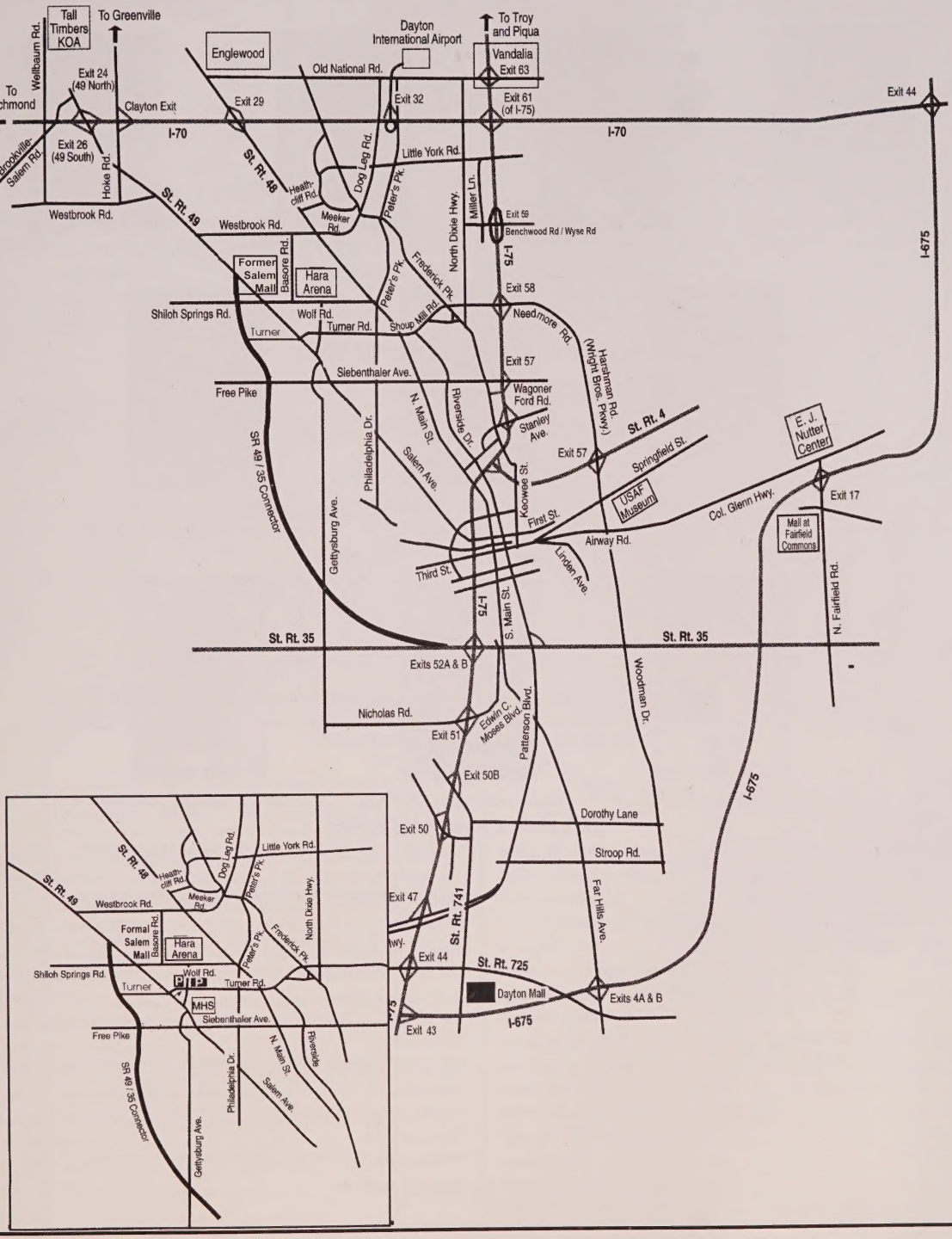
Bicycle Mobile Hams of America got its start in 1989 when a QST article asked hams who operate their radios while bicycle-mobile to get together and form a group. BMHA hosts a website along with the BMHA Yahoo Groups forum.

- Antenna design for both bicycle and pedestrian mobiles along with audio of long distance bicycle and pedestrian QSO's by G4AKC.
- Norm Huber, N9ZKS, is the BMHA newsletter editor and is an active bicycle and motorcycle rider. He will be presenting one of his special bikes and discussing the BMHA Newsletter.
- Arnie Grubbs, KA0NCR, will be reviewing the Saturday BMHA Hamvention ride.

We plan to have many bicycle mobile displays and demonstrations of each will be conducted concurrently.

Forum descriptions to be included in the program are due by **April 1. Send to forums@hamvention.org**

Dayton Map


Tall Timbers KOA
To Greenville
Wellbaum Rd.
To Richmond
Exit 24 (49 North)
Clayton Exit
Exit 26 (49 South)
Brookville-Salem Rd.
Hoke Rd.
Westbrook Rd.
St. Rt. 49
I-70
Englewood
Exit 29
St. Rt. 48
Heath-cliff Rd.
Meeker Rd.
Dog Leg Rd.
Peter's Pk.
Old National Rd.
Dayton International Airport
Exit 32
To Troy and Piqua
Vandalia
Exit 63
Exit 61 (of I-75)
Little York Rd.
Miller Ln.
North Dixie Hwy.
Exit 59
Benchwood Rd / Wyse Rd
I-75
Exit 44
I-675
Former Salem Mall
Basore Rd.
Hara Arena
Frederick Pk.
Exit 58
Needmore Rd.
Shiloh Springs Rd.
Wolf Rd.
Turner Rd.
Turner
Shoup Mill Rd.
Siebenthaler Ave.
Exit 57
Free Pike
Wagoner Ford Rd.
Harshman Rd. (Wright Bros. Pkwy.)
Riverside Dr.
N. Main St.
Stanley Ave.
St. Rt. 4
Springfield St.
E. J. Nutter Center
Exit 57
Philadelphia Dr.
Salem Ave.
Keowee St.
USAF Museum
Col. Glenn Hwy.
Exit 17
SR 49 / 35 Connector
Gettysburg Ave.
First St.
Airway Rd.
Mall at Fairfield Commons
Third St.
Linden Ave.
N. Fairfield Rd.
St. Rt. 35
S. Main St.
Exits 52A & B
Woodman Dr.
Nicholas Rd.
Exit 51
Edwin C. Moses Blvd.
Patterson Blvd.
Exit 50B
Dorothy Lane
Exit 50
Stroop Rd.
Exit 47
St. Rt. 741
Far Hills Ave.
Exit 44
St. Rt. 725
Dayton Mall
Exits 4A & B
Exit 43
I-675

Dayton Amateur Radio Association

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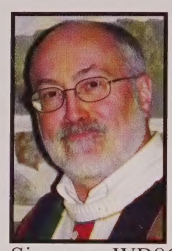

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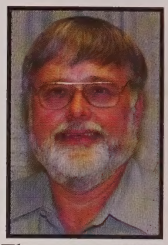

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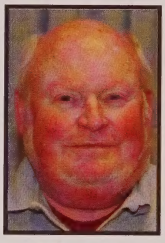

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Mark Erbaugh, N8ME

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Activities	Mike Buehler
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ATV Repeater	Jessie Nicely
Audio Support	Jim Simpson
B-Road	Glenn Hockwalt/Ken Tilford
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Emergency Coordinator	Ron Moorefield
Equipment Custodian	Glenn Hockwalt
Estate Administrator	Phil Baldwin
Fellowship	Laura McNabb
Historian	Ed Collins/ Ron Cramer
Hospitality	Joe Sheline
Info Line	Shirley Roberts
Lickem-Stickem Group	Nancy Makley
Membership	Dave Aivalotis/Ken Tilford
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QSL Manager	Rob Lunsford/Jeff & Hazel Everets
Repeaters	Glenn Hockwalt
Red Cross Liaison	Larry McCoy
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Satellites	Gerd Schrick
Scholarship	Mark Tessneer
Van Coordinator	Mike Crawford
Volunteer Exams	Mark Erbaugh/George Ewing
W8BI/ W8HEQ Trustee	Reuben Meeks
Webmaster	Steve Coy
Winlink/Packet	Todd Collins
Youth Programs	Rob Taylor

Repeaters:

220	222.940 (-) MHZ
440	442.100 (+) MHZ
2	146.940 (-) MHZ
ATV	439.25/421.25
	144.34 -COMM
D-STAR	147.105 (+) MHZ

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BE PART OF IT! GET ACTIVE! BE RF ACTIVE!

RECEIVE THE MONTHLY NEWSLETTER "RF CARRIER"

Application for DARA membership is available at the DARA Booth in Hara Arena's Lobby

Open House at DARA's Club House

Friday of Hamvention® between 6:00 and 9:00 P.M.

Directions to DARA's Club House

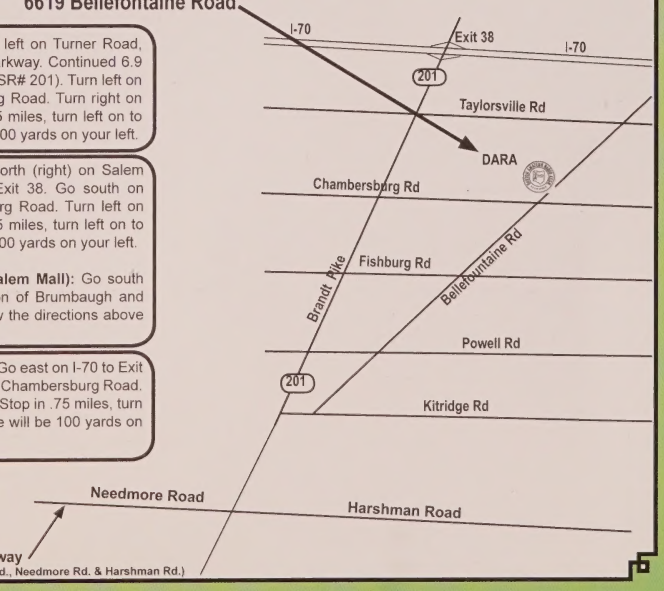
6619 Bellefontaine Road

From Hamvention: Take Wolf Road south, Turn left on Turner Road, Turner Road is also known as Wright Brothers Parkway. Continued 6.9 miles on Wright Brothers Parkway to Brandt Pike (SR# 201). Turn left on Brandt Pike and travel 2.2 miles to Chambersburg Road. Turn right on Chambersburg Road. At the Four Way Stop in .75 miles, turn left on to Bellefountaine Road. DARA's Club House will be 100 yards on your left.

From Remote Parking (Old Salem Mall): Go north (right) on Salem Avenue (SR# 49) to I-70. Go east on I-70 to Exit 38. Go south on Brandt Pike (SR# 201) 1.5 miles to Chambersburg Road. Turn left on Chambersburg Road. At the Four Way Stop in .75 miles, turn left on to Bellefountaine Road. DARA's Club House will be 100 yards on your left.

Alternate Route From Remote Parking (Old Salem Mall): Go south (left) on Salem Ave) 0.8 miles to the Intersection of Brumbaugh and Turner Roads. Turn left on Turner Road and follow the directions above "From Hamvention:"

From Downtown Dayton: Take I-75 north to I-70. Go east on I-70 to Exit 38. Go south on Brandt Pike (SR# 201) 1.5 miles to Chambersburg Road. Turn left on Chambersburg Road. At the Four Way Stop in .75 miles, turn left on to Bellefountaine Road. DARA's Club House will be 100 yards on your left.



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